

## Summary of Monthly Normals 1981-2010

Elev: 3945 ft. Lat: 41.870° N Lon: 103.593° W

Generated on 08/15/2016

Station: **SCOTTSBLUFF W B HEILIG FIELD AIRPORT, NE US GHCND:USW00024028**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.8	13.7	27.2	5.4	4.3	4.6	-7777	-7777	0	0	0	0	860	922	1015	1170	0.0	0.0	8.0	7.0	30.4	3.8
2	44.4	16.3	30.4	6.0	4.6	5.1	-7777	-7777	0	0	0	0	690	746	830	970	0.0	0.0	10.6	5.1	27.0	2.7
3	52.7	23.8	38.2	4.3	2.7	3.2	2	1	-7777	-7777	0	0	521	582	674	829	0.0	0.0	18.6	2.4	27.1	0.5
4	61.4	31.9	46.7	4.7	2.4	3.2	27	17	8	2	-7777	-7777	277	328	409	552	0.0	0.1	24.0	0.5	15.1	-7777
5	71.6	42.9	57.3	3.9	2.0	2.7	143	108	66	21	4	2	74	101	151	262	-7777	1.0	29.8	0.0	1.9	0.0
6	82.1	52.3	67.2	4.0	2.4	3.0	372	316	238	126	51	32	6	10	22	60	0.6	6.9	30.0	0.0	-7777	0.0
7	89.8	58.3	74.1	3.2	2.0	2.4	590	529	437	287	151	107	-7777	-7777	1	6	2.7	16.5	31.0	0.0	0.0	0.0
8	87.7	56.2	71.9	3.0	1.9	2.3	526	465	374	229	105	67	1	2	4	14	0.8	13.4	31.0	0.0	0.0	0.0
9	77.9	45.4	61.7	3.8	2.5	2.8	238	193	133	58	17	8	39	54	83	159	0.0	4.6	29.4	0.1	1.3	0.0
10	64.1	32.9	48.5	3.9	2.1	2.5	34	21	8	1	-7777	-7777	235	284	365	512	0.0	0.1	26.4	0.5	12.7	0.1
11	50.2	21.5	35.8	5.6	3.6	4.3	1	-7777	-7777	0	0	0	576	635	725	874	0.0	0.0	15.3	3.1	26.6	1.1
12	39.6	12.5	26.1	5.7	4.4	4.9	-7777	0	0	0	0	0	897	959	1052	1207	0.0	0.0	7.3	8.1	30.8	4.5
Summary	63.5	34.0	48.8	4.5	2.9	3.4	1933	1650	1264	724	328	216	4176	4623	5331	6615	4.1	42.6	261.4	26.8	172.9	12.7

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3945 ft. Lat: 41.870° N Lon: 103.593° W

Generated on 08/15/2016

Station: **SCOTTSBLUFF W B HEILIG FIELD AIRPORT, NE US GHCND:USW00024028**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.41	4.6	1.3	0.1	0.0	0.12	0.39	0.65
2	0.60	5.3	1.9	0.2	0.0	0.22	0.44	0.84
3	1.00	6.8	3.0	0.4	-7777	0.50	0.94	1.36
4	1.83	8.9	4.8	0.9	0.2	0.92	1.64	2.50
5	2.48	11.4	6.0	1.4	0.4	1.24	1.96	3.26
6	2.85	10.8	5.7	1.8	0.6	1.64	2.43	3.90
7	1.83	7.8	4.2	1.1	0.3	0.80	1.70	2.80
8	1.30	7.3	3.1	0.7	0.1	0.58	1.21	1.66
9	1.18	7.2	3.3	0.6	0.1	0.63	0.94	1.79
10	1.14	6.5	3.0	0.5	0.2	0.68	0.91	1.42
11	0.66	5.2	2.1	0.3	-7777	0.26	0.57	0.95
12	0.51	5.4	1.7	-7777	0.0	0.20	0.47	0.72
Summary	15.79	87.2	40.1	8.0	1.9	7.79	13.60	21.85

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3945 ft. Lat: 41.870° N Lon: 103.593° W

Generated on 08/15/2016

Station: **SCOTTSBLUFF W B HEILIG FIELD AIRPORT, NE US GHCND:USW00024028**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.4	4.4	1.5	0.5	0.3	0.0	9.9	4.7	2.1	0.1	1.7	5.3	7.8
2	7.0	4.4	2.4	0.8	0.2	-7777	6.7	3.4	2.2	0.6	2.2	3.8	11.0
3	7.8	4.7	2.5	0.9	0.2	0.0	4.8	2.2	0.8	0.1	4.3	7.2	10.6
4	5.4	2.9	1.7	0.6	0.3	-7777	1.7	0.7	0.4	0.0	2.0	3.4	7.6
5	0.5	0.3	0.2	-7777	-7777	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.5	0.3	0.2	0.1	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
10	2.7	1.5	0.9	0.4	0.1	0.0	0.9	0.5	0.2	-7777	0.0	0.6	3.3
11	5.7	3.6	1.9	0.7	0.1	0.0	4.5	2.2	1.0	-7777	2.2	4.3	10.4
12	7.1	4.9	2.3	0.7	0.2	0.0	10.4	5.5	2.7	0.4	3.1	5.6	11.1
Summary	42.1	27.0	13.6	4.7	1.4	0.0	39.1	19.2	9.4	1.2	15.5	30.2	61.8

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## Summary of Monthly Normals 1981-2010

Elev: 3945 ft. Lat: 41.870° N Lon: 103.593° W

Generated on 08/15/2016

Station: **SCOTTSBLUFF W B HEILIG FIELD AIRPORT, NE US GHCND:USW00024028**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	23	92	239	536	816	1055	990	651	295	74	10
45	2	6	37	138	388	666	900	835	505	178	32	2
50	-7777	1	11	68	254	517	745	680	365	89	9	-7777
55	-7777	-7777	2	27	143	372	590	526	238	34	1	-7777
60	0	0	-7777	8	66	238	437	374	133	8	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	25	43	110	194	339	506	661	624	418	236	87	23

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	35	127	366	902	1718	2773	3763	4414	4709	4783	4793
45	2	8	45	183	571	1237	2137	2972	3477	3655	3687	3689
50	0	1	12	80	334	851	1596	2276	2641	2730	2739	2739
55	0	0	2	29	172	544	1134	1660	1898	1932	1933	1933
60	0	0	0	8	74	312	749	1123	1256	1264	1264	1264
Growing Degree Units for Corn (Monthly)												
50/86	25	68	178	372	711	1217	1878	2502	2920	3156	3243	3266

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

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## Summary of Monthly Normals 1981-2010

Elev: 4270 ft. Lat: 42.321° N Lon: 103.073° W

Generated on 08/15/2016

Station: **HEMINGFORD, NE US GHCND:USC00253755**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.0	16.2	27.1	5.0	4.2	4.5	0	0	0	0	0	0	865	927	1020	1175	0.0	0.0	5.4	9.4	29.2	3.4
2	40.5	18.4	29.5	5.4	5.2	5.2	-7777	0	0	0	0	0	715	771	855	995	0.0	0.0	7.4	6.8	25.6	2.7
3	48.3	25.0	36.7	4.5	3.5	3.8	3	1	-7777	-7777	0	0	571	632	724	879	0.0	0.0	15.1	4.1	24.0	0.7
4	57.2	33.1	45.2	4.5	2.5	3.3	27	18	8	2	-7777	-7777	322	373	454	597	0.0	0.1	21.0	1.0	13.4	0.0
5	67.2	43.2	55.2	3.9	2.4	3.0	117	87	51	15	2	1	111	143	200	319	0.0	0.3	28.3	0.0	2.0	0.0
6	78.1	52.5	65.3	4.0	2.8	3.2	323	271	198	99	36	22	14	22	39	90	0.2	3.5	29.7	0.0	0.0	0.0
7	86.5	59.1	72.8	3.1	2.1	2.5	552	491	400	254	129	90	-7777	1	3	13	1.0	11.1	31.0	0.0	0.0	0.0
8	84.9	57.4	71.2	2.6	2.2	2.3	502	442	352	211	95	60	2	3	7	21	0.2	9.1	31.0	0.0	0.0	0.0
9	74.7	47.7	61.2	3.7	2.5	3.0	236	192	135	60	17	9	50	67	99	174	0.0	2.4	28.9	0.1	1.0	0.0
10	61.1	35.9	48.5	4.0	2.4	3.0	47	31	15	3	-7777	-7777	249	295	372	514	0.0	0.0	24.1	0.7	8.9	-7777
11	47.4	25.0	36.2	6.2	4.1	5.0	4	2	1	-7777	0	0	568	626	715	864	0.0	0.0	12.8	4.7	22.1	0.7
12	37.8	16.0	26.9	5.2	4.9	4.9	-7777	0	0	0	0	0	871	933	1026	1181	0.0	0.0	5.7	9.5	29.5	3.1
Summary	60.1	35.8	48.0	4.3	3.2	3.6	1811	1535	1160	644	279	182	4338	4793	5514	6822	1.4	26.5	240.4	36.3	155.7	10.6

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4270 ft. Lat: 42.321° N Lon: 103.073° W

Generated on 08/15/2016

Station: **HEMINGFORD, NE US GHCND:USC00253755**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.25	3.3	0.8	-7777	0.0	0.13	0.21	0.32
2	0.46	4.5	1.5	0.1	0.0	0.18	0.37	0.60
3	1.02	5.8	2.7	0.5	0.1	0.46	0.79	1.33
4	1.78	8.2	4.6	1.1	0.2	0.84	1.49	2.91
5	2.76	11.1	6.0	1.6	0.5	1.43	2.48	3.87
6	2.87	10.4	6.3	1.8	0.6	1.58	2.64	4.03
7	2.53	8.8	4.9	1.5	0.5	1.36	1.95	3.60
8	1.35	6.8	3.9	0.7	0.1	0.70	1.20	1.89
9	1.36	6.6	3.5	0.8	0.1	0.53	1.19	1.92
10	1.18	6.4	3.2	0.6	0.1	0.59	1.00	1.58
11	0.51	4.5	1.8	0.1	0.0	0.25	0.41	0.74
12	0.37	4.3	1.4	-7777	0.0	0.16	0.32	0.48
Summary	16.44	80.7	40.6	8.8	2.2	8.21	14.05	23.27

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4270 ft. Lat: 42.321° N Lon: 103.073° W

Generated on 08/15/2016

Station: **HEMINGFORD, NE US GHCND:USC00253755**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.1	3.6	2.5	0.3	0.1	0.0	15.4	6.9	3.3	0.7	1.6	3.0	6.0
2	6.5	4.0	2.6	0.9	0.3	0.0	11.8	4.7	2.8	0.9	2.7	4.7	10.7
3	8.6	4.5	3.2	0.9	0.3	-7777	9.5	3.9	1.8	0.4	4.0	7.0	12.0
4	6.5	3.0	2.5	0.9	0.2	0.0	3.8	1.3	0.5	-7777	3.5	6.0	8.5
5	0.4	0.3	0.2	-7777	0.0	0.0	0.3	-7777	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.8	0.3	0.3	0.1	0.1	0.0	0.3	0.1	-7777	0.0	0.0	0.0	0.0
10	2.9	1.3	1.1	0.5	0.2	0.0	1.8	0.8	0.5	0.1	0.0	1.0	5.5
11	6.2	3.4	2.6	0.8	0.2	0.0	8.5	3.3	1.5	0.1	2.0	5.0	8.8
12	6.7	4.4	2.9	0.8	0.1	0.0	15.2	7.9	4.3	0.7	3.0	6.0	11.0
Summary	42.7	24.8	17.9	5.2	1.5	0.0	66.6	28.9	14.7	2.9	16.8	32.7	62.5

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## Summary of Monthly Normals 1981-2010

Elev: 4270 ft. Lat: 42.321° N Lon: 103.073° W

Generated on 08/15/2016

Station: **HEMINGFORD, NE US GHCND:USC00253755**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	26	89	218	476	759	1016	965	639	306	93	16
45	3	7	38	128	336	610	861	810	496	194	47	4
50	-7777	1	12	65	213	463	706	656	359	106	17	-7777
55	0	-7777	3	27	117	323	552	502	236	47	4	-7777
60	0	0	-7777	8	51	198	400	352	135	15	1	0
Growing Degree Units for Corn (Monthly)												
50/86	15	25	76	150	281	465	652	620	394	201	71	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	41	130	348	824	1583	2599	3564	4203	4509	4602	4618
45	3	10	48	176	512	1122	1983	2793	3289	3483	3530	3534
50	0	1	13	78	291	754	1460	2116	2475	2581	2598	2598
55	0	0	3	30	147	470	1022	1524	1760	1807	1811	1811
60	0	0	0	8	59	257	657	1009	1144	1159	1160	1160
Growing Degree Units for Corn (Monthly)												
50/86	15	40	116	266	547	1012	1664	2284	2678	2879	2950	2968

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

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## Summary of Monthly Normals 1981-2010

Elev: 5170 ft. Lat: 41.010° N Lon: 103.877° W

Generated on 08/15/2016

Station: **BUSHNELL 15 S, NE US GHCND:USC00251361**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.0	13.1	26.6				0	0	0	0	0	0	882	944	1037	1192	0.0	0.0	7.4	7.8	30.6	4.1
2	42.8	14.0	28.4				0	0	0	0	0	0	745	801	884	1025	0.0	0.0	8.1	4.6	27.7	2.6
3	49.7	20.6	35.2				1	-7777	-7777	0	0	0	616	678	770	925	0.0	0.0	15.4	3.0	28.8	0.6
4	57.6	28.4	43.0				4	2	1	-7777	0	0	364	422	510	660	0.0	0.0	22.5	0.6	20.8	0.0
5	67.7	37.8	52.8				67	44	21	5	1	-7777	137	176	246	385	0.0	0.3	28.9	0.0	5.3	0.0
6	78.0	47.9	63.0				258	210	143	60	18	10	20	31	54	121	0.0	3.4	29.8	0.0	0.1	0.0
7	86.3	53.1	69.7				457	396	306	166	59	32	1	3	5	20	0.0	11.1	31.0	0.0	0.0	0.0
8	84.2	52.6	68.4				416	356	268	138	44	23	1	3	8	33	0.3	6.1	31.0	0.0	0.0	0.0
9	75.6	41.9	58.8				162	123	76	26	3	1	49	71	114	213	0.0	1.8	29.9	0.0	2.4	0.0
10	61.9	30.4	46.2				21	11	3	-7777	-7777	0	295	348	433	584	0.0	0.1	25.1	1.0	16.6	0.0
11	48.6	20.1	34.4				1	-7777	-7777	0	0	0	620	680	770	919	0.0	0.0	13.6	2.9	27.5	0.3
12	39.2	11.7	25.5				-7777	0	0	0	0	0	916	978	1070	1226	0.0	0.0	6.5	8.4	30.5	4.4
Summary	61.0	31.0	46.0				1387	1142	818	395	125	66	4646	5135	5901	7303	0.3	22.8	249.2	28.3	190.3	12.0

@ Denotes mean number of days greater than 0 but less than 0.05.

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 5170 ft. Lat: 41.010° N Lon: 103.877° W

Generated on 08/15/2016

Station: **BUSHNELL 15 S, NE US GHCND:USC00251361**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.29	@	@	@	@			
2	0.36	@	@	@	@			
3	0.94	@	@	@	@			
4	1.53	@	@	@	@			
5	2.56	@	@	@	@			
6	2.73	@	@	@	@			
7	2.91	@	@	@	@			
8	1.99	@	@	@	@			
9	1.37	@	@	@	@			
10	1.13	@	@	@	@			
11	0.52	@	@	@	@			
12	0.45	@	@	@	@			
Summary	16.78	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 5170 ft. Lat: 41.010° N Lon: 103.877° W

Generated on 08/15/2016

Station: **BUSHNELL 15 S, NE US GHCND:USC00251361**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	11	58	155	402	688	920	879	563	240	54	9
45	2	2	23	73	264	539	765	725	417	139	21	2
50	-7777	-7777	6	24	149	393	610	570	279	65	6	-7777
55	0	0	1	4	67	258	457	416	162	21	1	-7777
60	0	0	-7777	1	21	143	306	268	76	3	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	23	27	81	148	279	424	571	554	382	209	71	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	21	79	234	636	1324	2244	3123	3686	3926	3980	3989
45	2	4	27	100	364	903	1668	2393	2810	2949	2970	2972
50	0	0	6	30	179	572	1182	1752	2031	2096	2102	2102
55	0	0	1	5	72	330	787	1203	1365	1386	1387	1387
60	0	0	0	1	22	165	471	739	815	818	818	818
Growing Degree Units for Corn (Monthly)												
50/86	23	50	131	279	558	982	1553	2107	2489	2698	2769	2787

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3820 ft. Lat: 41.761° N Lon: 102.437° W

Generated on 08/15/2016

Station: **CRESCENT LAKE, NE US GHCND:USC00252000**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.9	13.4	27.1	5.5	4.6	4.8	-7777	0	0	0	0	0	863	925	1018	1173	0.0	0.0	8.1	7.4	30.0	4.4
2	44.5	16.6	30.6	5.9	4.5	4.9	-7777	-7777	-7777	0	0	0	685	740	824	964	0.0	0.0	10.9	5.2	26.4	3.2
3	53.2	24.4	38.8	4.7	3.4	3.6	6	3	1	-7777	0	0	508	567	658	812	0.0	0.0	18.9	2.4	24.8	0.6
4	62.5	32.6	47.6	4.8	2.5	3.3	39	26	12	2	-7777	-7777	263	309	386	526	0.0	0.2	24.7	0.3	14.3	0.0
5	71.6	42.6	57.1	4.1	2.3	3.0	143	107	65	21	4	2	78	104	155	266	0.0	1.0	30.3	0.0	2.8	0.0
6	81.1	51.6	66.3	3.7	2.9	3.1	350	296	219	112	43	26	10	16	28	72	0.4	5.0	29.9	0.0	-7777	0.0
7	88.7	57.9	73.3	3.3	1.9	2.5	568	506	414	267	141	100	1	1	2	10	2.0	14.5	31.0	0.0	0.0	0.0
8	87.1	56.3	71.7	3.1	2.0	2.2	519	458	367	224	104	68	1	2	5	16	0.7	11.8	31.0	0.0	0.0	0.0
9	78.1	45.6	61.8	3.8	3.0	3.1	248	203	143	68	22	12	42	58	88	162	-7777	4.8	29.5	-7777	2.2	0.0
10	65.2	33.8	49.5	4.1	2.4	2.8	48	32	16	4	1	-7777	218	264	341	484	0.0	0.2	26.8	0.4	12.2	-7777
11	51.5	23.2	37.4	6.4	4.1	5.0	5	2	1	0	0	0	534	592	680	829	0.0	0.0	16.5	2.7	24.3	0.8
12	40.6	13.0	26.8	6.5	5.7	6.0	-7777	-7777	0	0	0	0	874	936	1029	1184	0.0	0.0	8.9	8.1	30.3	4.6
Summary	63.8	34.3	49.0	4.7	3.3	3.7	1926	1633	1238	698	315	208	4077	4514	5214	6498	3.1	37.5	266.5	26.5	167.3	13.6

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3820 ft. Lat: 41.761° N Lon: 102.437° W

Generated on 08/15/2016

Station: **CRESCENT LAKE, NE US GHCND:USC00252000**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.29	3.3	1.1	0.0	0.0	0.10	0.28	0.39
2	0.42	4.0	1.3	0.1	0.0	0.16	0.29	0.57
3	0.91	6.2	2.7	0.3	0.1	0.43	0.60	1.52
4	1.90	8.0	4.3	1.3	0.3	0.90	1.55	2.83
5	2.85	10.8	6.2	2.0	0.5	2.02	2.27	3.37
6	2.93	9.9	6.1	2.0	0.6	1.64	2.60	3.74
7	2.48	8.8	5.2	1.8	0.4	0.90	2.31	3.39
8	2.14	8.3	4.1	1.4	0.5	1.07	1.98	3.42
9	1.68	7.7	3.9	1.2	0.2	0.93	1.66	2.46
10	1.27	6.7	3.1	0.8	0.2	0.50	1.15	1.74
11	0.60	4.6	1.8	0.2	-7777	0.22	0.52	0.88
12	0.37	3.7	1.2	0.1	0.0	0.16	0.26	0.47
Summary	17.84	82.0	41.0	11.2	2.8	9.03	15.47	24.78

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3820 ft. Lat: 41.761° N Lon: 102.437° W

Generated on 08/15/2016

Station: **CRESCENT LAKE, NE US GHCND:USC00252000**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.3	3.2	1.7	0.6	0.3	0.0	10.8	7.1	3.1	0.2	2.6	4.1	7.3
2	4.0	3.6	1.9	0.5	0.1	-7777	6.1	2.7	1.0	0.2	1.7	3.4	6.0
3	5.4	3.4	2.2	0.6	0.2	0.0	4.8	2.2	0.8	0.0	2.4	4.1	7.2
4	3.4	1.6	1.1	0.5	0.1	0.0	1.4	0.5	0.1	0.0	0.0	3.0	5.0
5	0.3	0.2	0.1	-7777	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.5	0.1	0.1	0.1	-7777	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
10	1.7	0.8	0.6	0.3	0.1	0.0	0.8	0.6	0.2	0.0	0.0	0.0	2.0
11	3.7	2.3	1.5	0.5	0.1	0.0	3.0	1.5	0.9	0.0	0.5	2.6	4.3
12	5.2	3.7	2.2	0.6	0.1	0.0	9.0	5.9	3.3	0.5	2.0	5.0	6.3
Summary	29.5	18.9	11.4	3.7	1.0	0.0	36.1	20.5	9.4	0.9	9.2	22.2	38.1

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3820 ft. Lat: 41.761° N Lon: 102.437° W

Generated on 08/15/2016

Station: **CRESCENT LAKE, NE US GHCND:USC00252000**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	31	115	267	532	790	1032	982	658	327	105	19
45	4	9	54	165	385	641	877	827	514	208	53	5
50	1	1	20	88	252	493	722	673	374	112	19	1
55	-7777	-7777	6	39	143	350	568	519	248	48	5	-7777
60	0	-7777	1	12	65	219	414	367	143	16	1	0
Growing Degree Units for Corn (Monthly)												
50/86	30	45	117	208	341	496	652	625	427	251	103	31

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	49	164	431	963	1753	2785	3767	4425	4752	4857	4876
45	4	13	67	232	617	1258	2135	2962	3476	3684	3737	3742
50	1	2	22	110	362	855	1577	2250	2624	2736	2755	2756
55	0	0	6	45	188	538	1106	1625	1873	1921	1926	1926
60	0	0	1	13	78	297	711	1078	1221	1237	1238	1238
Growing Degree Units for Corn (Monthly)												
50/86	30	75	192	400	741	1237	1889	2514	2941	3192	3295	3326

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3805 ft. Lat: 42.512° N Lon: 102.694° W

Generated on 08/15/2016

Station: **HAY SPRINGS 12 S, NE US GHCND:USC00253715**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.2	11.2	25.2	5.6	4.6	4.9	0	0	0	0	0	0	924	986	1079	1234	0.0	0.0	6.7	8.1	30.5	5.7
2	41.8	13.7	27.7	6.3	5.1	5.5	0	0	0	0	0	0	763	819	903	1043	0.0	0.0	8.4	6.1	27.3	3.9
3	51.4	21.6	36.5	4.9	3.5	3.9	2	1	-7777	-7777	0	0	575	637	729	884	0.0	0.0	17.7	2.6	28.0	1.1
4	60.6	29.7	45.2	5.2	2.8	3.6	23	15	7	2	-7777	-7777	319	370	452	597	0.0	0.1	23.3	0.5	18.5	-7777
5	70.8	41.5	56.2	4.5	2.5	3.1	129	97	58	18	3	1	93	123	177	293	0.0	1.0	29.6	0.0	3.7	0.0
6	80.9	51.1	66.0	4.3	3.0	3.3	338	284	208	103	36	21	8	14	28	73	0.2	5.6	29.9	0.0	0.0	0.0
7	87.9	56.8	72.3	3.1	2.5	2.5	538	476	385	238	115	77	-7777	1	2	10	1.1	12.8	31.0	0.0	0.0	0.0
8	86.3	54.7	70.5	2.8	2.2	2.3	482	421	331	191	77	46	1	2	6	21	0.3	10.3	31.0	0.0	0.0	0.0
9	77.2	43.2	60.2	4.1	2.4	2.9	203	160	104	40	9	4	47	64	98	184	0.0	3.1	29.4	0.0	2.4	0.0
10	63.9	30.7	47.3	4.3	2.1	2.7	27	16	6	1	-7777	0	266	317	400	549	0.0	0.3	26.5	0.4	17.2	0.1
11	48.3	19.5	33.9	6.7	4.0	5.1	1	-7777	-7777	0	0	0	634	693	783	933	0.0	0.0	13.7	4.0	27.6	1.3
12	38.2	10.4	24.3	5.6	4.8	5.0	0	0	0	0	0	0	951	1013	1106	1261	0.0	0.0	6.2	9.5	30.7	5.8
Summary	62.2	32.0	47.1	4.8	3.3	3.7	1743	1470	1099	593	240	149	4581	5039	5763	7082	1.6	33.2	253.4	31.2	185.9	17.9

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3805 ft. Lat: 42.512° N Lon: 102.694° W

Generated on 08/15/2016

Station: **HAY SPRINGS 12 S, NE US GHCND:USC00253715**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.34	2.5	0.9	0.1	0.0	0.15	0.26	0.38
2	0.36	2.9	1.3	-7777	0.0	0.10	0.37	0.52
3	0.89	4.2	2.4	0.5	0.1	0.33	0.75	1.27
4	1.83	6.7	4.4	0.8	0.1	1.11	1.72	2.42
5	2.83	8.4	6.4	1.9	0.4	1.59	2.56	4.00
6	3.09	8.9	6.5	2.3	0.8	1.32	3.12	4.15
7	2.64	7.4	5.5	1.8	0.4	1.85	2.70	3.19
8	2.01	6.0	4.3	1.3	0.3	0.96	1.78	2.52
9	1.37	4.4	3.3	0.7	0.3	0.33	1.25	2.09
10	1.13	4.0	2.9	0.8	0.1	0.50	0.80	1.74
11	0.49	2.9	1.5	0.2	0.1	0.15	0.35	0.78
12	0.25	2.5	1.2	0.0	0.0	0.07	0.20	0.35
Summary	17.23	60.8	40.6	10.4	2.6	8.46	15.86	23.41

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3805 ft. Lat: 42.512° N Lon: 102.694° W

Generated on 08/15/2016

Station: **HAY SPRINGS 12 S, NE US GHCND:USC00253715**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.6	2.1	1.9	0.4	-7777	0.0	9.2	6.9	3.8	0.0	0.0	3.0	6.0
2	5.7	2.2	2.1	0.5	0.1	0.0	6.5	3.6	2.0	0.1	0.0	4.1	7.0
3	4.9	1.7	1.6	0.5	0.2	0.0	3.2	1.4	0.8	0.3	1.0	2.0	10.0
4	3.9	1.3	1.2	0.5	0.1	0.0	1.1	0.3	0.1	0.0	0.0	3.0	7.0
5	0.1	-7777	-7777	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.5	0.2	0.2	0.1	-7777	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
10	1.5	0.4	0.4	0.2	0.1	0.0	0.3	0.2	0.1	0.0	0.0	0.0	2.0
11	6.6	1.9	1.6	0.7	0.3	0.0	4.4	2.8	1.8	0.3	0.0	5.0	9.0
12	6.8	2.0	1.9	0.6	0.3	0.0	11.5	8.5	5.7	2.9	1.0	7.0	10.0
Summary	33.6	11.8	10.9	3.5	1.1	0.0	36.3	23.8	14.4	3.6	2.0	24.1	51.0

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3805 ft. Lat: 42.512° N Lon: 102.694° W

Generated on 08/15/2016

Station: **HAY SPRINGS 12 S, NE US GHCND:USC00253715**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	13	78	210	503	780	1003	945	608	265	56	7
45	1	2	30	120	359	630	848	790	464	153	22	1
50	-7777	-7777	9	58	230	482	693	635	326	72	5	-7777
55	0	0	2	23	129	338	538	482	203	27	1	0
60	0	0	-7777	7	58	208	385	331	104	6	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	19	31	101	186	329	486	632	601	407	232	76	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	7	20	98	308	811	1591	2594	3539	4147	4412	4468	4475
45	1	3	33	153	512	1142	1990	2780	3244	3397	3419	3420
50	0	0	9	67	297	779	1472	2107	2433	2505	2510	2510
55	0	0	2	25	154	492	1030	1512	1715	1742	1743	1743
60	0	0	0	7	65	273	658	989	1093	1099	1099	1099
Growing Degree Units for Corn (Monthly)												
50/86	19	50	151	337	666	1152	1784	2385	2792	3024	3100	3120

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4029 ft. Lat: 42.800° N Lon: 103.787° W

Generated on 08/15/2016

Station: **HARRISON 9 NE, NE US GHCND:USC00253618**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.7	14.3	26.5				0	0	0	0	0	0	884	946	1039	1194	0.0	0.0	7.4	8.7	29.3	5.9
2	41.2	15.5	28.4				-7777	0	0	0	0	0	746	802	886	1026	0.0	0.0	6.3	6.6	27.3	2.3
3	50.2	23.1	36.7				5	2	-7777	-7777	0	0	574	633	724	879	0.0	0.0	15.6	3.2	25.4	0.6
4	58.6	31.6	45.1				21	13	6	1	-7777	0	318	370	453	598	0.0	0.0	22.1	0.6	14.7	0.0
5	68.1	41.8	55.0				99	70	40	13	3	2	101	133	196	325	0.0	0.6	29.4	0.0	2.7	0.0
6	78.2	51.1	64.6				301	249	178	84	32	21	12	20	38	95	0.1	2.5	30.0	0.0	0.0	0.0
7	86.5	58.2	72.4				538	476	385	240	118	81	1	1	3	13	0.8	10.4	31.0	0.0	0.0	0.0
8	86.9	55.1	71.0				496	435	345	209	99	64	1	1	4	23	0.6	12.9	31.0	0.0	0.0	0.0
9	76.6	46.2	61.4				228	185	129	60	21	13	37	53	88	168	0.0	3.1	29.6	0.0	0.7	0.0
10	62.4	33.8	48.1				39	24	11	1	-7777	0	253	300	380	525	0.0	0.0	25.0	0.4	11.7	0.0
11	48.9	22.7	35.8				3	2	1	0	0	0	579	638	727	876	0.0	0.0	14.1	3.2	25.2	0.5
12	38.4	13.1	25.8				0	0	0	0	0	0	906	968	1061	1216	0.0	0.0	6.0	9.1	30.5	4.5
Summary	61.2	33.9	47.6				1730	1456	1095	608	273	181	4412	4865	5599	6938	1.5	29.5	247.5	31.8	167.5	13.8

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4029 ft. Lat: 42.800° N Lon: 103.787° W

Generated on 08/15/2016

Station: **HARRISON 9 NE, NE US GHCND:USC00253618**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.33	@	@	@	@			
2	0.42	@	@	@	@			
3	0.89	@	@	@	@			
4	1.81	@	@	@	@			
5	2.66	@	@	@	@			
6	2.84	@	@	@	@			
7	2.01	@	@	@	@			
8	1.48	@	@	@	@			
9	1.43	@	@	@	@			
10	1.28	@	@	@	@			
11	0.57	@	@	@	@			
12	0.38	@	@	@	@			
Summary	16.10	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4029 ft. Lat: 42.800° N Lon: 103.787° W

Generated on 08/15/2016

Station: **HARRISON 9 NE, NE US GHCND:USC00253618**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	12	92	211	469	739	1002	960	642	287	76	12
45	3	3	46	120	326	590	847	805	495	178	33	3
50	-7777	-7777	17	57	198	441	692	650	355	95	10	-7777
55	0	-7777	5	21	99	301	538	496	228	39	3	0
60	0	0	-7777	6	40	178	385	345	129	11	1	0
Growing Degree Units for Corn (Monthly)												
50/86	19	19	90	160	290	455	645	606	408	211	74	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	15	27	119	330	799	1538	2540	3500	4142	4429	4505	4517
45	3	6	52	172	498	1088	1935	2740	3235	3413	3446	3449
50	0	0	17	74	272	713	1405	2055	2410	2505	2515	2515
55	0	0	5	26	125	426	964	1460	1688	1727	1730	1730
60	0	0	0	6	46	224	609	954	1083	1094	1095	1095
Growing Degree Units for Corn (Monthly)												
50/86	19	38	128	288	578	1033	1678	2284	2692	2903	2977	2995

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4680 ft. Lat: 42.261° N Lon: 103.519° W

Generated on 08/15/2016

Station: **PLAINSVIEW RANCH, NE US GHCND:USC00256765**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.0	14.4	26.7				0	0	0	0	0	0	877	939	1032	1187	0.0	0.0	6.3	8.7	30.1	4.0
2	41.9	16.4	29.2				-7777	-7777	0	0	0	0	723	779	863	1004	0.0	0.0	7.9	5.5	27.1	2.9
3	50.5	23.9	37.2				2	-7777	-7777	0	0	0	554	614	707	862	0.0	0.0	16.7	2.4	25.3	0.6
4	59.0	31.5	45.3				12	7	3	-7777	-7777	0	305	359	445	593	0.0	0.0	23.1	0.4	15.8	0.0
5	69.5	41.6	55.6				106	75	40	11	1	-7777	89	120	178	304	0.0	0.3	29.8	0.0	1.8	0.0
6	78.6	50.0	64.3				290	238	167	72	22	11	11	19	38	93	0.3	3.1	30.0	0.0	0.0	0.0
7	87.0	57.1	72.1				528	467	376	231	107	70	1	1	3	13	0.7	12.1	31.0	0.0	0.0	0.0
8	85.8	54.9	70.4				476	416	326	191	83	52	1	2	5	25	0.4	9.9	31.0	0.0	0.0	0.0
9	76.0	45.4	60.7				209	167	112	47	12	6	39	57	92	176	0.0	2.4	29.9	0.0	0.8	0.0
10	61.9	32.8	47.4				32	20	9	2	-7777	-7777	268	318	401	549	0.0	0.0	26.2	0.3	14.3	0.0
11	48.1	23.3	35.7				2	1	-7777	0	0	0	581	640	729	879	0.0	0.0	14.1	4.0	24.8	0.3
12	38.9	15.3	27.1				0	0	0	0	0	0	864	926	1019	1174	0.0	0.0	5.0	8.4	29.8	3.0
Summary	61.4	33.9	47.6				1657	1391	1033	554	225	139	4313	4774	5512	6859	1.4	27.8	251.0	29.7	169.8	10.8

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4680 ft. Lat: 42.261° N Lon: 103.519° W

Generated on 08/15/2016

Station: **PLAINSVIEW RANCH, NE US GHCND:USC00256765**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.36	@	@	@	@			
2	0.51	@	@	@	@			
3	1.12	@	@	@	@			
4	1.84	@	@	@	@			
5	3.09	@	@	@	@			
6	2.82	@	@	@	@			
7	2.01	@	@	@	@			
8	1.75	@	@	@	@			
9	1.46	@	@	@	@			
10	1.14	@	@	@	@			
11	0.64	@	@	@	@			
12	0.36	@	@	@	@			
Summary	17.10	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4680 ft. Lat: 42.261° N Lon: 103.519° W

Generated on 08/15/2016

Station: **PLAINSVIEW RANCH, NE US GHCND:USC00256765**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	13	87	203	485	729	992	940	621	264	66	13
45	2	3	38	108	340	579	837	785	473	157	27	3
50	0	-7777	12	45	209	431	682	630	331	79	8	-7777
55	0	-7777	2	12	106	290	528	476	209	32	2	0
60	0	0	-7777	3	40	167	376	326	112	9	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	17	20	86	160	307	448	632	595	398	201	62	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	24	111	314	799	1528	2520	3460	4081	4345	4411	4424
45	2	5	43	151	491	1070	1907	2692	3165	3322	3349	3352
50	0	0	12	57	266	697	1379	2009	2340	2419	2427	2427
55	0	0	2	14	120	410	938	1414	1623	1655	1657	1657
60	0	0	0	3	43	210	586	912	1024	1033	1033	1033
Growing Degree Units for Corn (Monthly)												
50/86	17	37	123	283	590	1038	1670	2265	2663	2864	2926	2940

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3855 ft. Lat: 42.683° N Lon: 102.693° W

Generated on 08/15/2016

Station: **HAY SPRINGS, NE US GHCND:USC00253710**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.1	11.7	24.9	5.8	4.9	5.2	0	0	0	0	0	0	933	995	1088	1243	0.0	0.0	5.7	9.1	30.6	5.8
2	41.1	14.1	27.6	5.8	5.3	5.4	0	0	0	0	0	0	767	823	907	1047	0.0	0.0	7.9	7.0	27.5	3.7
3	49.4	21.9	35.7	5.0	3.6	4.1	2	1	-7777	-7777	0	0	602	662	755	910	0.0	0.0	16.1	4.1	27.8	0.9
4	59.3	30.3	44.8	4.8	2.5	3.2	23	14	6	1	-7777	0	329	380	462	607	0.0	0.0	22.4	0.9	17.5	-7777
5	68.5	41.5	55.0	3.9	2.2	2.8	109	80	45	12	1	-7777	109	142	200	322	0.0	0.4	29.2	0.0	3.7	0.0
6	78.0	51.2	64.6	4.2	2.6	3.2	302	250	178	84	27	15	14	22	40	96	0.1	3.0	29.8	0.0	-7777	0.0
7	86.1	57.8	72.0	3.2	2.5	2.7	525	464	373	230	112	74	-7777	1	3	15	0.8	10.1	31.0	0.0	0.0	0.0
8	84.9	55.7	70.3	2.8	2.4	2.4	477	416	328	189	80	50	3	4	9	25	0.3	9.4	31.0	0.0	0.0	0.0
9	75.4	44.5	59.9	3.6	2.6	2.8	203	161	109	46	11	5	54	73	111	197	0.0	2.4	29.0	0.0	1.8	0.0
10	62.4	31.7	47.0	3.8	2.6	2.7	28	17	7	1	-7777	-7777	274	325	408	557	0.0	0.1	25.4	0.5	14.8	0.1
11	47.9	20.2	34.0	6.7	4.0	5.1	1	1	-7777	0	0	0	630	689	779	928	0.0	0.0	13.2	4.7	26.8	1.6
12	37.8	11.5	24.6	5.6	5.3	5.4	0	0	0	0	0	0	941	1003	1096	1250	0.0	0.0	5.3	9.4	30.6	5.0
Summary	60.7	32.7	46.7	4.6	3.4	3.8	1670	1404	1046	563	231	144	4656	5119	5858	7197	1.2	25.4	246.0	35.7	181.1	17.1

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3855 ft. Lat: 42.683° N Lon: 102.693° W

Generated on 08/15/2016

Station: **HAY SPRINGS, NE US GHCND:USC00253710**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.41	3.9	1.8	0.1	0.0	0.15	0.26	0.53
2	0.51	4.0	1.6	0.1	-7777	0.27	0.44	0.65
3	1.25	6.2	3.5	0.5	0.1	0.51	1.09	1.83
4	2.16	8.4	5.7	1.2	0.2	1.31	2.15	2.67
5	2.69	10.0	6.1	1.5	0.4	1.29	2.29	3.69
6	2.86	10.1	6.9	1.8	0.5	1.57	2.73	3.80
7	2.54	8.7	5.2	1.7	0.5	1.65	2.12	2.93
8	1.76	6.3	3.8	1.1	0.3	1.02	1.62	2.28
9	1.59	6.4	3.8	0.9	0.3	0.84	1.12	2.63
10	1.45	5.1	3.5	0.8	0.2	0.57	1.24	1.95
11	0.78	4.7	2.4	0.2	-7777	0.44	0.67	1.05
12	0.59	4.0	1.7	0.1	0.0	0.28	0.50	0.81
Summary	18.59	77.8	46.0	10.0	2.5	9.90	16.23	24.82

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3855 ft. Lat: 42.683° N Lon: 102.693° W

Generated on 08/15/2016

Station: **HAY SPRINGS, NE US GHCND:USC00253710**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.7	3.5	2.6	0.8	0.3	0.0	12.0	5.0	1.4	0.0	3.0	4.7	6.3
2	5.6	3.1	2.3	0.8	0.3	-7777	6.7	3.4	1.8	0.1	1.0	4.3	8.0
3	6.5	3.9	2.7	0.9	0.3	0.1	6.0	2.8	1.6	0.2	2.9	4.2	9.2
4	4.7	1.9	1.6	0.8	0.3	0.0	2.1	0.8	0.4	-7777	1.0	4.7	8.0
5	0.7	0.2	0.2	0.1	-7777	0.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10	1.9	0.9	0.7	0.3	0.1	0.0	1.2	0.7	0.3	0.1	0.0	1.0	3.3
11	6.2	3.5	3.0	1.0	0.3	-7777	7.0	3.6	1.2	0.0	3.8	6.3	8.3
12	5.6	3.2	2.8	1.1	0.3	-7777	10.8	4.7	1.6	0.5	1.9	4.7	7.8
Summary	36.1	20.3	16.0	5.9	1.9	0.1	46.3	21.4	8.5	0.9	13.6	29.9	50.9

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3855 ft. Lat: 42.683° N Lon: 102.693° W

Generated on 08/15/2016

Station: **HAY SPRINGS, NE US GHCND:USC00253710**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	14	75	209	469	738	990	939	601	262	67	7
45	1	3	29	119	328	589	835	784	458	154	28	1
50	-7777	-7777	9	58	205	442	680	630	321	75	8	-7777
55	0	0	2	23	109	302	525	477	203	28	1	0
60	0	0	-7777	6	45	178	373	328	109	7	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	17	28	87	174	296	455	633	599	388	213	78	17

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	23	98	307	776	1514	2504	3443	4044	4306	4373	4380
45	1	4	33	152	480	1069	1904	2688	3146	3300	3328	3329
50	0	0	9	67	272	714	1394	2024	2345	2420	2428	2428
55	0	0	2	25	134	436	961	1438	1641	1669	1670	1670
60	0	0	0	6	51	229	602	930	1039	1046	1046	1046
Growing Degree Units for Corn (Monthly)												
50/86	17	45	132	306	602	1057	1690	2289	2677	2890	2968	2985

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4550 ft. Lat: 41.633° N Lon: 103.954° W

Generated on 08/15/2016

Station: **HARRISBURG 12 WNW, NE US GHCND:USC00253605**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	41.5	14.1	27.8	5.2	4.4	4.6	-7777	0	0	0	0	0	843	905	998	1153	0.0	0.0	8.1	6.6	30.1	4.3
2	43.7	15.7	29.7	5.3	4.8	4.9	-7777	-7777	0	0	0	0	708	764	848	988	0.0	0.0	9.9	5.2	26.9	3.2
3	51.2	22.3	36.7	4.2	2.8	3.1	2	1	-7777	-7777	0	0	568	629	721	876	0.0	0.0	17.4	2.8	27.2	0.8
4	59.8	29.7	44.7	4.4	2.7	3.1	18	11	4	1	-7777	0	325	378	462	608	0.0	0.0	23.1	0.8	17.9	0.1
5	69.6	39.8	54.7	3.9	2.0	2.6	102	73	41	11	1	-7777	111	145	205	330	0.0	0.5	29.3	0.0	4.8	0.0
6	79.9	48.9	64.4	3.8	2.4	2.8	298	246	175	81	26	14	16	24	43	99	0.3	4.5	29.8	0.0	0.3	0.0
7	88.0	55.1	71.5	3.3	2.1	2.5	514	452	362	218	100	66	1	2	4	16	1.4	13.2	31.0	0.0	0.0	0.0
8	86.3	53.2	69.8	2.9	2.5	2.5	459	399	310	172	67	40	2	4	8	26	0.2	10.2	31.0	0.0	-7777	0.0
9	76.7	42.4	59.5	3.6	2.4	2.6	194	154	101	39	9	3	58	77	114	202	0.0	3.2	29.2	0.1	3.3	0.0
10	63.3	30.2	46.8	4.1	2.4	2.8	26	15	6	1	-7777	-7777	282	333	417	566	0.0	0.0	25.7	0.6	17.4	0.1
11	50.5	20.6	35.5	5.8	3.4	4.3	2	1	-7777	0	0	0	586	644	734	884	0.0	0.0	15.4	2.9	26.3	1.2
12	40.7	12.9	26.8	5.1	4.3	4.4	-7777	0	0	0	0	0	874	936	1029	1184	0.0	0.0	7.6	7.5	30.3	4.6
Summary	62.6	32.1	47.3	4.3	3.0	3.4	1615	1352	999	523	203	123	4374	4841	5583	6932	1.9	31.6	257.5	26.5	184.5	14.3

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4550 ft. Lat: 41.633° N Lon: 103.954° W

Generated on 08/15/2016

Station: **HARRISBURG 12 WNW, NE US GHCND:USC00253605**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.30	3.7	1.0	-7777	0.0	0.12	0.24	0.41
2	0.50	4.4	1.7	0.1	0.0	0.24	0.41	0.73
3	1.01	6.2	2.5	0.5	0.1	0.47	0.84	1.24
4	1.70	8.1	4.5	0.8	0.2	0.90	1.40	2.73
5	2.40	10.3	6.1	1.3	0.4	1.38	1.89	3.49
6	2.65	9.8	6.0	1.6	0.5	1.39	2.30	3.68
7	2.07	7.9	4.2	1.3	0.4	1.25	1.56	2.81
8	1.86	7.2	4.1	1.3	0.3	0.90	1.58	2.10
9	1.38	6.5	3.7	0.8	0.2	0.53	1.33	1.79
10	1.24	6.0	3.4	0.7	0.1	0.71	1.03	1.87
11	0.66	4.2	1.9	0.2	0.1	0.35	0.59	0.91
12	0.43	4.7	1.6	-7777	-7777	0.18	0.35	0.54
Summary	16.20	79.0	40.7	8.6	2.3	8.42	13.52	22.30

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4550 ft. Lat: 41.633° N Lon: 103.954° W

Generated on 08/15/2016

Station: **HARRISBURG 12 WNW, NE US GHCND:USC00253605**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.4	3.4	2.3	0.6	0.2	0.0	12.1	6.7	4.4	0.9	1.8	5.2	8.0
2	7.6	4.3	3.3	0.9	0.2	0.0	11.3	6.4	3.1	-7777	4.0	7.0	10.1
3	8.5	4.3	3.4	0.9	0.4	0.0	8.0	3.9	2.1	0.3	5.0	6.8	10.2
4	6.0	2.3	2.0	0.6	0.3	0.0	3.2	1.7	0.9	0.3	1.7	3.2	9.5
5	0.8	0.4	0.3	0.1	-7777	0.0	0.3	0.1	-7777	0.0	0.0	0.0	1.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.6	0.2	0.2	0.1	-7777	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0
10	3.5	1.1	0.9	0.6	0.1	-7777	1.9	1.1	0.7	0.3	0.0	1.7	3.5
11	5.7	2.8	2.2	0.6	0.4	-7777	6.4	3.2	1.8	0.2	2.2	4.2	8.7
12	8.3	4.4	3.2	0.9	0.3	-7777	14.0	8.0	4.2	1.1	2.9	6.0	12.0
Summary	46.4	23.2	17.8	5.3	1.9	0.0	57.5	31.2	17.3	3.1	17.6	34.1	63.0

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 4550 ft. Lat: 41.633° N Lon: 103.954° W

Generated on 08/15/2016

Station: **HARRISBURG 12 WNW, NE US GHCND:USC00253605**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	24	83	205	461	732	978	922	591	259	79	14
45	4	6	34	116	320	583	823	767	447	153	35	4
50	1	1	10	53	197	436	668	613	312	73	10	1
55	-7777	-7777	2	18	102	298	514	459	194	26	2	-7777
60	0	0	-7777	4	41	175	362	310	101	6	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	27	39	98	176	309	460	610	583	399	228	92	26

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	16	40	123	328	789	1521	2499	3421	4012	4271	4350	4364
45	4	10	44	160	480	1063	1886	2653	3100	3253	3288	3292
50	1	2	12	65	262	698	1366	1979	2291	2364	2374	2375
55	0	0	2	20	122	420	934	1393	1587	1613	1615	1615
60	0	0	0	4	45	220	582	892	993	999	999	999
Growing Degree Units for Corn (Monthly)												
50/86	27	66	164	340	649	1109	1719	2302	2701	2929	3021	3047

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3886 ft. Lat: 41.266° N Lon: 102.658° W

Generated on 08/15/2016

Station: **LOGDEPOLE 8 N, NE US GHCND:USC00254903**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.8	12.5	26.2	5.2	4.2	4.4	0	0	0	0	0	0	894	956	1049	1204	0.0	0.0	7.1	8.4	30.8	4.1
2	43.3	15.5	29.4	6.2	3.5	4.6	-7777	0	0	0	0	0	717	773	857	997	0.0	0.0	8.3	5.9	27.7	2.2
3	51.8	22.7	37.2	4.2	2.8	3.1	2	1	-7777	0	0	0	552	613	705	860	0.0	0.0	18.0	2.4	28.1	0.5
4	60.4	30.8	45.6	4.4	2.1	3.0	13	7	2	-7777	-7777	0	295	349	434	582	0.0	0.0	23.4	0.3	16.8	0.0
5	70.3	41.6	55.9	3.8	1.9	2.5	121	88	49	15	3	1	91	120	175	295	0.0	0.8	29.9	0.0	3.2	0.0
6	81.1	50.9	66.0	4.2	2.4	3.0	340	286	211	107	39	23	10	16	31	77	0.3	6.2	30.0	0.0	0.0	0.0
7	88.3	57.7	73.0	3.2	1.3	2.2	558	496	405	256	125	84	-7777	1	2	8	1.0	13.8	31.0	0.0	0.0	0.0
8	86.6	54.9	70.8	3.4	1.7	2.4	489	428	338	198	85	53	1	2	5	20	0.7	11.1	31.0	0.0	0.0	0.0
9	77.9	44.6	61.2	3.5	2.7	2.9	224	179	122	52	14	7	36	52	84	165	0.1	4.0	29.6	0.0	1.5	0.0
10	64.7	32.1	48.4	3.8	2.0	2.5	39	25	11	2	-7777	-7777	243	292	371	517	0.0	0.3	27.0	0.6	14.3	0.0
11	50.5	21.6	36.1	5.9	3.2	4.1	1	-7777	-7777	-7777	0	0	570	629	719	869	0.0	0.0	15.2	3.2	27.0	0.7
12	39.2	12.3	25.8	5.7	4.2	4.8	0	0	0	0	0	0	906	968	1061	1216	0.0	0.0	6.6	8.7	30.6	4.7
Summary	62.8	33.1	48.0	4.5	2.7	3.3	1787	1510	1138	630	266	168	4315	4771	5493	6810	2.1	36.2	257.1	29.5	180.0	12.2

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3886 ft. Lat: 41.266° N Lon: 102.658° W

Generated on 08/15/2016

Station: **LOGDEPOLE 8 N, NE US GHCND:USC00254903**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.25	2.6	1.1	0.0	0.0	0.15	0.22	0.38
2	0.41	3.5	1.6	0.0	0.0	0.15	0.28	0.66
3	1.35	5.4	3.0	0.8	0.3	0.70	1.10	1.77
4	1.90	7.5	5.6	1.8	0.3	1.13	1.58	2.32
5	2.87	8.8	5.6	1.2	0.3	1.61	2.58	4.06
6	3.52	9.9	7.1	1.8	0.8	1.94	3.17	4.54
7	2.58	8.3	4.6	1.8	0.5	1.72	2.35	3.22
8	2.20	7.1	4.7	1.5	0.5	1.25	1.96	3.33
9	1.53	5.9	3.4	1.3	0.3	0.93	1.44	2.04
10	1.34	6.2	3.3	0.7	0.3	0.60	1.03	1.78
11	0.68	3.5	2.0	0.2	0.1	0.20	0.49	1.17
12	0.35	3.1	0.8	0.2	0.1	0.13	0.26	0.41
Summary	18.98	71.8	42.8	11.3	3.5	10.51	16.46	25.68

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3886 ft. Lat: 41.266° N Lon: 102.658° W

Generated on 08/15/2016

Station: **LOGEPOLE 8 N, NE US GHCND:USC00254903**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.5	1.7	1.2	0.4	0.1	0.0	7.8	4.9	2.9	0.2	0.5	3.9	5.4
2	5.5	3.0	2.2	0.6	0.1	0.0	6.7	3.7	1.2	0.2	1.4	6.5	7.9
3	6.7	3.6	2.2	0.6	0.3	0.1	4.2	1.9	1.1	0.3	2.7	6.5	9.2
4	4.4	1.7	1.4	0.5	0.3	0.0	1.8	0.8	0.3	0.0	2.1	3.7	7.3
5	0.6	0.5	0.2	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.3
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.6	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
10	0.9	1.0	0.5	0.3	0.2	0.0	1.0	0.5	0.3	0.1	0.0	0.0	1.9
11	4.6	1.9	1.5	0.5	0.2	0.1	2.7	1.0	0.5	0.5	2.1	2.8	4.6
12	5.5	2.5	1.5	0.5	0.3	0.1	7.8	5.2	3.7	0.8	1.1	3.6	6.9
Summary	32.3	16.1	10.8	3.6	1.6	0.3	32.3	18.2	10.1	2.1	9.9	27.0	43.5

@ Denotes mean number of days greater than 0 but less than 0.05.

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Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3886 ft. Lat: 41.266° N Lon: 102.658° W

Generated on 08/15/2016

Station: **LOGEPOLE 8 N, NE US GHCND:USC00254903**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	19	85	216	497	780	1022	953	638	296	77	10
45	1	5	37	119	352	630	867	798	492	182	33	2
50	-7777	1	11	52	222	482	713	643	351	95	9	-7777
55	0	-7777	2	13	121	340	558	489	224	39	1	0
60	0	0	-7777	2	49	211	405	338	122	11	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	24	37	103	182	318	483	647	600	415	243	95	23

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	28	113	329	826	1606	2628	3581	4219	4515	4592	4602
45	1	6	43	162	514	1144	2011	2809	3301	3483	3516	3518
50	0	1	12	64	286	768	1481	2124	2475	2570	2579	2579
55	0	0	2	15	136	476	1034	1523	1747	1786	1787	1787
60	0	0	0	2	51	262	667	1005	1127	1138	1138	1138
Growing Degree Units for Corn (Monthly)												
50/86	24	61	164	346	664	1147	1794	2394	2809	3052	3147	3170

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3929 ft. Lat: 42.057° N Lon: 102.802° W

Generated on 08/15/2016

Station: **ALLIANCE MUNICIPAL AIRPORT, NE US GHCND:USW00024044**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.3	10.2	24.2	6.4	4.3	5.1	0	0	0	0	0	0	953	1015	1108	1263	0.0	0.0	6.1	9.2	30.9	5.7
2	41.4	12.9	27.1	6.6	5.4	5.7	0	0	0	0	0	0	780	836	920	1059	0.0	0.0	6.6	6.9	27.6	3.7
3	51.2	21.9	36.6	4.4	3.0	3.3	2	1	-7777	0	0	0	574	635	727	882	0.0	0.0	17.6	3.3	28.0	0.6
4	59.8	30.0	44.9	5.1	2.2	3.3	14	7	3	-7777	0	0	317	370	455	603	0.0	0.0	23.1	0.7	17.8	0.1
5	70.3	39.3	54.8	3.6	1.8	2.5	96	68	37	10	2	1	102	136	198	326	0.0	0.6	30.1	0.0	5.2	0.0
6	80.0	49.7	64.8	4.2	2.7	3.2	307	255	184	88	31	19	11	19	38	93	0.4	4.9	29.9	0.0	0.1	0.0
7	88.3	56.1	72.2	3.3	2.2	2.5	533	472	381	234	110	71	-7777	1	3	12	1.6	13.6	31.0	0.0	0.0	0.0
8	86.3	54.4	70.4	3.0	2.5	2.6	477	417	328	191	82	51	1	3	7	25	0.9	11.7	31.0	0.0	0.1	0.0
9	76.1	42.7	59.4	3.7	2.6	2.8	186	147	97	40	10	4	54	75	116	208	0.1	2.9	29.5	0.0	3.1	0.0
10	62.1	29.4	45.7	4.1	2.8	2.8	22	13	5	1	-7777	-7777	309	362	447	597	0.0	0.1	24.8	0.7	18.7	0.1
11	48.6	17.6	33.1	5.6	4.0	4.5	-7777	-7777	-7777	0	0	0	658	717	807	957	0.0	0.0	14.2	4.7	28.6	1.5
12	38.6	8.6	23.6	5.6	5.2	5.1	0	0	0	0	0	0	973	1035	1128	1283	0.0	0.0	5.9	8.4	31.0	6.5
Summary	61.8	31.1	46.4	4.6	3.2	3.6	1637	1380	1035	564	235	146	4732	5204	5954	7308	3.0	33.8	249.8	33.9	191.1	18.2

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3929 ft. Lat: 42.057° N Lon: 102.802° W

Generated on 08/15/2016

Station: **ALLIANCE MUNICIPAL AIRPORT, NE US GHCND:USW00024044**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.18	@	@	@	@			
2	0.38	@	@	@	@			
3	0.85	@	@	@	@			
4	1.45	@	@	@	@			
5	2.65	@	@	@	@			
6	2.88	@	@	@	@			
7	2.32	@	@	@	@			
8	1.70	@	@	@	@			
9	1.39	@	@	@	@			
10	1.09	@	@	@	@			
11	0.45	@	@	@	@			
12	0.32	@	@	@	@			
Summary	15.66	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3929 ft. Lat: 42.057° N Lon: 102.802° W

Generated on 08/15/2016

Station: **ALLIANCE MUNICIPAL AIRPORT, NE US GHCND:USW00024044**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	9	73	200	461	746	998	940	583	228	48	5
45	-7777	1	30	107	317	596	843	785	439	130	18	1
50	0	-7777	9	46	191	448	688	631	302	60	4	0
55	0	0	2	14	96	307	533	477	186	22	-7777	0
60	0	0	-7777	3	37	184	381	328	97	5	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	17	25	99	175	317	466	626	593	389	210	80	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	13	86	286	747	1493	2491	3431	4014	4242	4290	4295
45	0	1	31	138	455	1051	1894	2679	3118	3248	3266	3267
50	0	0	9	55	246	694	1382	2013	2315	2375	2379	2379
55	0	0	2	16	112	419	952	1429	1615	1637	1637	1637
60	0	0	0	3	40	224	605	933	1030	1035	1035	1035
Growing Degree Units for Corn (Monthly)												
50/86	17	42	141	316	633	1099	1725	2318	2707	2917	2997	3015

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3830 ft. Lat: 41.304° N Lon: 102.438° W

Generated on 08/15/2016

Station: **OSHKOSH 8 SW, NE US GHCND:USC00256390**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.33	2.7	1.1	0.1	0.0	0.14	0.27	0.39
2	0.45	2.9	1.3	0.2	-7777	0.10	0.32	0.61
3	1.20	5.1	2.8	0.6	0.1	0.51	0.94	1.71
4	1.95	6.3	4.4	1.2	0.3	0.74	2.03	2.91
5	3.08	9.5	6.3	2.1	0.5	2.22	2.70	3.67
6	3.26	9.2	6.5	2.1	0.8	1.47	3.01	4.66
7	2.91	7.5	5.5	2.1	0.7	2.17	2.86	3.69
8	2.37	6.8	4.6	1.6	0.6	1.47	2.40	2.95
9	1.58	5.3	3.5	1.0	0.3	0.74	1.45	2.33
10	1.33	5.2	3.0	0.7	0.2	0.61	1.06	1.78
11	0.65	3.4	2.0	0.3	-7777	0.23	0.50	1.05
12	0.50	2.8	1.3	0.2	-7777	0.11	0.28	0.70
Summary	19.61	66.7	42.3	12.2	3.5	10.51	17.82	26.45

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3830 ft. Lat: 41.304° N Lon: 102.438° W

Generated on 08/15/2016

Station: **OSHKOSH 8 SW, NE US GHCND:USC00256390**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.5	2.1	1.7	0.6	0.2	-7777	@	@	@	@	1.0	4.0	7.6
2	4.9	2.2	1.7	0.5	0.3	-7777	@	@	@	@	1.2	3.2	8.8
3	5.7	2.7	1.9	0.7	0.2	0.0	@	@	@	@	2.7	5.4	7.8
4	3.6	1.5	1.2	0.7	0.3	0.0	@	@	@	@	0.0	2.0	6.8
5	0.2	0.1	0.1	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.4	0.1	0.1	0.1	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	2.2	0.8	0.7	0.3	0.2	-7777	@	@	@	@	0.0	0.0	3.0
11	4.9	2.0	1.6	0.7	0.3	-7777	@	@	@	@	2.0	3.2	7.5
12	5.6	2.6	2.1	0.7	0.3	-7777	@	@	@	@	2.1	4.5	9.0
Summary	32.0	14.1	11.1	4.3	1.8	0.0	0.0	0.0	0.0	0.0	9.0	22.3	50.5

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3905 ft. Lat: 42.063° N Lon: 102.282° W

Generated on 08/15/2016

Station: **ELLSWORTH, NE US GHCND:USC00252645**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.21	2.8	0.7	0.0	0.0	0.06	0.20	0.33
2	0.28	3.6	0.9	-7777	0.0	0.07	0.22	0.33
3	0.63	5.0	1.9	0.2	-7777	0.33	0.58	0.82
4	1.48	6.6	4.0	0.8	0.2	0.73	1.22	1.87
5	2.61	8.5	5.9	1.9	0.3	1.59	2.57	3.37
6	2.62	8.8	6.2	1.7	0.3	1.39	2.30	3.80
7	2.29	7.5	5.2	1.5	0.4	1.33	2.41	2.98
8	1.78	5.8	3.9	1.1	0.3	1.04	1.82	2.37
9	1.60	5.5	3.9	1.0	0.1	0.93	1.33	2.49
10	1.11	4.1	2.9	0.5	0.1	0.50	0.88	1.71
11	0.46	3.4	1.5	0.2	0.0	0.25	0.39	0.76
12	0.23	3.2	0.8	-7777	0.0	0.10	0.15	0.33
Summary	15.30	64.8	37.8	8.9	1.7	8.32	14.07	21.16

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3905 ft. Lat: 42.063° N Lon: 102.282° W

Generated on 08/15/2016

Station: **ELLSWORTH, NE US GHCND:USC00252645**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.8	2.3	2.1	0.7	0.1	-7777	11.6	7.0	3.5	0.5	2.0	3.0	6.0
2	5.4	2.8	2.6	0.7	0.1	0.0	9.0	4.4	1.8	0.4	2.0	4.0	9.0
3	6.9	3.2	2.6	1.0	0.3	0.0	5.4	2.2	0.7	0.0	4.0	6.5	8.0
4	6.3	2.0	1.9	1.0	0.5	0.0	2.3	1.0	0.3	-7777	2.0	6.7	9.0
5	0.7	0.2	0.2	0.1	-7777	0.0	0.2	-7777	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.7	0.3	0.3	0.1	-7777	0.0	0.3	0.1	-7777	0.0	0.0	0.0	0.0
10	2.9	1.0	1.0	0.5	0.1	0.0	1.3	0.6	0.1	0.0	0.0	0.5	3.0
11	5.4	2.3	2.0	0.8	0.1	0.0	4.9	2.9	1.1	0.0	1.5	4.3	8.0
12	5.1	2.8	2.5	0.6	0.1	0.0	10.2	5.6	3.0	0.0	2.5	4.0	7.0
Summary	38.2	16.9	15.2	5.5	1.3	0.0	45.2	23.8	10.5	0.9	14.0	29.0	50.0

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3700 ft. Lat: 42.895° N Lon: 102.204° W

Generated on 08/15/2016

Station: **GORDON 6 N, NE US GHCND:USC00253355**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.2	12.9	24.0	6.0	4.9	5.3	0	0	0	0	0	0	959	1021	1114	1269	0.0	0.0	4.1	11.4	30.1	5.6
2	38.1	15.4	26.8	6.5	6.3	6.3	-7777	-7777	0	0	0	0	791	847	931	1071	0.0	0.0	6.3	8.9	26.3	3.9
3	47.3	22.5	34.9	4.8	3.8	4.1	2	1	-7777	-7777	-7777	0	625	686	778	933	0.0	0.0	14.4	5.3	26.4	1.2
4	57.5	31.3	44.4	4.5	2.9	3.4	24	16	7	2	-7777	-7777	342	394	475	620	0.0	-7777	21.1	1.3	15.5	0.0
5	68.5	42.1	55.3	4.2	2.6	3.2	120	89	53	17	3	1	110	142	199	318	0.0	0.6	28.9	0.0	3.1	0.0
6	79.0	51.5	65.3	4.1	2.8	3.3	321	269	196	98	37	23	14	21	38	90	0.2	4.0	29.8	0.0	0.0	0.0
7	87.4	58.1	72.8	3.6	2.6	3.1	551	489	398	255	134	95	-7777	1	3	15	1.5	13.3	31.0	0.0	0.0	0.0
8	86.1	56.5	71.3	3.3	2.4	2.7	508	447	358	219	103	68	3	4	8	24	0.6	10.9	31.0	0.0	0.0	0.0
9	75.3	45.9	60.6	3.9	2.6	3.0	222	181	127	58	19	10	54	73	109	190	0.1	3.2	29.1	0.0	1.4	0.0
10	60.7	33.9	47.3	4.1	2.7	3.1	39	26	11	2	-7777	-7777	278	326	405	551	0.0	-7777	23.9	0.8	12.0	0.1
11	45.5	21.9	33.7	6.8	4.6	5.6	2	1	-7777	0	0	0	641	700	789	939	0.0	0.0	11.1	5.9	25.1	1.0
12	34.9	12.9	23.9	6.4	6.2	6.2	0	0	0	0	0	0	964	1026	1119	1274	0.0	0.0	4.0	11.7	30.2	5.0
Summary	59.6	33.7	46.7	4.9	3.7	4.1	1789	1519	1150	651	296	197	4781	5241	5968	7294	2.4	32.0	234.7	45.3	170.1	16.8

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3700 ft. Lat: 42.895° N Lon: 102.204° W

Generated on 08/15/2016

Station: **GORDON 6 N, NE US GHCND:USC00253355**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.40	3.3	1.2	0.1	-7777	0.18	0.34	0.57
2	0.54	3.6	1.4	0.1	0.0	0.13	0.47	0.80
3	1.11	5.7	3.2	0.5	0.1	0.70	0.93	1.63
4	1.98	8.4	5.1	1.0	0.3	0.89	2.03	2.73
5	2.97	9.6	7.0	1.9	0.4	2.01	2.83	3.87
6	3.47	10.3	7.4	2.4	0.8	1.61	3.34	5.18
7	2.89	8.0	5.9	2.0	0.8	1.11	3.11	3.82
8	1.65	6.1	4.5	0.9	0.1	1.06	1.66	2.08
9	1.63	5.7	3.8	1.0	0.3	0.72	1.35	2.59
10	1.55	6.5	4.2	0.9	0.1	0.69	1.17	2.30
11	0.71	3.9	1.9	0.2	-7777	0.37	0.58	1.08
12	0.45	3.4	1.6	0.1	0.0	0.22	0.40	0.66
Summary	19.35	74.5	47.2	11.1	2.9	9.69	18.21	27.31

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3700 ft. Lat: 42.895° N Lon: 102.204° W

Generated on 08/15/2016

Station: **GORDON 6 N, NE US GHCND:USC00253355**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.9	3.3	2.8	0.6	0.2	0.0	15.2	8.8	4.9	0.7	4.0	6.0	7.7
2	5.7	3.2	2.7	0.7	0.2	0.0	11.9	6.8	3.7	0.6	2.5	6.0	8.5
3	8.7	3.5	2.9	1.1	0.4	0.1	8.2	4.6	2.8	1.0	3.0	8.0	13.0
4	5.8	2.5	2.2	0.8	0.3	0.0	3.3	1.5	0.8	0.2	2.0	4.0	8.9
5	0.6	0.3	0.2	0.1	0.0	0.0	0.3	0.1	-7777	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	2.3	0.9	0.9	0.4	0.1	0.0	1.4	0.6	0.3	-7777	0.0	0.0	3.5
11	4.7	2.2	2.0	0.4	0.3	0.0	6.9	3.3	1.7	-7777	2.0	4.0	8.0
12	6.0	3.2	2.9	0.7	0.2	0.0	14.7	7.5	4.7	0.8	2.0	4.4	9.7
Summary	39.9	19.2	16.7	4.8	1.7	0.1	62.0	33.2	18.9	3.3	15.5	32.4	59.3

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3700 ft. Lat: 42.895° N Lon: 102.204° W

Generated on 08/15/2016

Station: **GORDON 6 N, NE US GHCND:USC00253355**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	18	74	204	479	758	1014	970	620	278	65	9
45	2	4	31	117	338	608	859	815	477	173	29	1
50	-7777	-7777	11	59	216	461	705	660	342	92	10	-7777
55	0	-7777	2	24	120	321	551	508	222	39	2	0
60	0	0	-7777	7	53	196	398	358	127	11	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	11	20	74	154	297	468	643	615	390	196	60	11

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	26	100	304	783	1541	2555	3525	4145	4423	4488	4497
45	2	6	37	154	492	1100	1959	2774	3251	3424	3453	3454
50	0	0	11	70	286	747	1452	2112	2454	2546	2556	2556
55	0	0	2	26	146	467	1018	1526	1748	1787	1789	1789
60	0	0	0	7	60	256	654	1012	1139	1150	1150	1150
Growing Degree Units for Corn (Monthly)												
50/86	11	31	105	259	556	1024	1667	2282	2672	2868	2928	2939

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 3832 ft. Lat: 41.149° N Lon: 102.636° W

Generated on 08/15/2016

Station: **LOGDEPOLE, NE US GHCND:USC00254900**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.7	13.8	26.8	4.8	3.9	4.1	0	0	0	0	0	0	876	938	1031	1186	0.0	0.0	6.5	7.8	30.6	3.5
2	43.5	16.4	30.0	5.5	4.2	4.6	-7777	0	0	0	0	0	701	757	841	981	0.0	0.0	9.7	5.2	27.3	2.6
3	52.1	23.5	37.8	4.2	3.3	3.4	2	1	-7777	0	0	0	535	596	688	843	0.0	0.0	18.6	2.7	26.4	0.5
4	61.5	31.9	46.7	4.6	2.4	3.2	29	18	8	2	-7777	-7777	278	327	407	550	0.0	0.1	24.5	0.5	15.3	0.0
5	71.5	43.0	57.2	3.9	2.2	2.7	149	113	69	23	4	1	79	105	154	263	0.0	0.9	29.8	-7777	2.4	0.0
6	82.3	53.5	67.9	4.0	2.5	3.1	393	337	258	142	60	39	6	10	21	55	0.5	7.1	29.9	0.0	0.0	0.0
7	90.6	59.8	75.2	2.9	2.2	2.3	626	564	472	321	181	133	-7777	-7777	1	5	2.8	17.4	31.0	0.0	0.0	0.0
8	88.1	57.7	72.9	3.2	2.3	2.5	556	494	403	258	129	88	1	2	4	13	0.7	13.8	31.0	0.0	0.0	0.0
9	78.0	46.1	62.1	3.3	2.3	2.5	247	200	140	62	18	9	35	49	78	150	0.0	3.9	29.6	0.0	1.1	0.0
10	64.9	33.8	49.3	4.1	2.1	2.7	41	26	12	2	-7777	-7777	217	263	342	487	0.0	0.1	27.1	0.4	11.6	-7777
11	49.2	22.0	35.6	5.8	3.1	4.2	1	-7777	-7777	0	0	0	583	642	732	882	0.0	0.0	14.8	3.3	26.5	0.6
12	39.0	13.4	26.2	5.4	4.3	4.7	0	0	0	0	0	0	893	955	1048	1202	0.0	0.0	6.4	8.0	30.6	3.5
Summary	63.4	34.6	49.0	4.3	2.9	3.3	2044	1753	1362	810	392	270	4204	4644	5347	6617	4.0	43.3	258.9	27.9	171.8	10.7

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3832 ft. Lat: 41.149° N Lon: 102.636° W

Generated on 08/15/2016

Station: **LODGEPOLE, NE US GHCND:USC00254900**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.31	2.5	0.9	0.1	-7777	0.11	0.29	0.43
2	0.45	3.2	1.5	-7777	-7777	0.11	0.31	0.73
3	1.09	5.3	3.3	0.4	0.2	0.60	0.80	1.38
4	1.88	6.3	3.9	1.0	0.3	0.75	1.83	2.56
5	3.04	9.1	5.8	2.0	0.5	2.18	2.70	3.72
6	3.26	8.5	6.1	1.9	0.6	1.65	2.76	4.22
7	2.62	6.7	5.1	1.5	0.6	1.78	2.50	3.30
8	2.28	6.5	4.8	1.6	0.5	1.56	2.26	3.16
9	1.54	5.0	3.5	0.7	0.3	0.59	1.11	2.17
10	1.20	4.5	3.1	0.7	0.1	0.44	0.81	1.48
11	0.61	3.2	1.9	0.3	-7777	0.14	0.44	0.91
12	0.44	2.7	1.4	0.1	0.1	0.06	0.32	0.82
Summary	18.72	63.5	41.3	10.3	3.2	9.97	16.13	24.88

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3832 ft. Lat: 41.149° N Lon: 102.636° W

Generated on 08/15/2016

Station: **LOGEPOLE, NE US GHCND:USC00254900**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.4	1.9	1.6	0.5	0.2	0.1	11.0	7.1	4.3	0.5	0.5	4.0	8.0
2	5.4	2.5	2.3	0.8	0.1	-7777	5.5	2.6	1.5	0.1	1.0	3.5	8.0
3	7.0	2.8	2.6	1.0	0.2	-7777	2.8	1.5	0.6	0.0	3.0	6.0	10.0
4	3.2	1.2	1.2	0.5	0.1	0.0	0.8	0.3	-7777	0.0	0.0	2.0	4.0
5	0.2	0.1	0.1	-7777	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.1	0.1	-7777	-7777	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	0.6	0.3	0.3	0.1	0.0	0.0	0.3	0.1	-7777	0.0	0.0	0.0	0.0
11	5.1	1.7	1.7	0.7	0.3	0.1	2.8	1.8	0.6	0.2	1.0	4.0	6.0
12	6.9	2.5	2.2	0.8	0.4	0.1	9.4	7.6	5.6	1.9	0.0	5.0	10.0
Summary	33.1	13.1	12.1	4.4	1.3	0.3	32.8	21.0	12.6	2.7	5.5	24.5	46.0

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3832 ft. Lat: 41.149° N Lon: 102.636° W

Generated on 08/15/2016

Station: **LODGEPOLE, NE US GHCND:USC00254900**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	20	91	243	537	837	1091	1019	663	320	70	8
45	1	4	37	143	390	687	936	865	516	199	29	1
50	-7777	-7777	11	72	258	538	781	710	375	103	8	-7777
55	0	-7777	2	29	149	393	626	556	247	41	1	0
60	0	0	-7777	8	69	258	472	403	140	12	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	19	36	103	195	342	522	690	648	427	247	79	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	28	119	362	899	1736	2827	3846	4509	4829	4899	4907
45	1	5	42	185	575	1262	2198	3063	3579	3778	3807	3808
50	0	0	11	83	341	879	1660	2370	2745	2848	2856	2856
55	0	0	2	31	180	573	1199	1755	2002	2043	2044	2044
60	0	0	0	8	77	335	807	1210	1350	1362	1362	1362
Growing Degree Units for Corn (Monthly)												
50/86	19	55	158	353	695	1217	1907	2555	2982	3229	3308	3327

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4278 ft. Lat: 41.409° N Lon: 102.966° W

Generated on 08/15/2016

Station: **DALTON, NE US GHCND:USC00252145**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.8	16.5	27.6	5.2	4.1	4.5	-7777	0	0	0	0	0	848	910	1003	1158	0.0	0.0	5.9	8.2	29.5	2.7
2	41.3	17.7	29.5	5.7	5.1	5.2	-7777	-7777	0	0	0	0	714	770	854	994	0.0	0.0	7.9	6.3	26.3	2.5
3	49.3	24.5	36.9	4.0	3.1	3.3	3	1	-7777	-7777	0	0	564	624	716	871	0.0	0.0	16.3	4.0	25.6	0.5
4	58.9	32.0	45.4	4.6	2.5	3.2	22	14	6	1	-7777	-7777	309	360	442	587	0.0	-7777	22.3	0.8	14.9	0.0
5	68.5	42.5	55.5	3.8	2.1	2.8	112	81	45	11	1	-7777	97	128	184	306	0.0	0.2	29.4	0.0	1.8	0.0
6	78.5	52.0	65.3	3.8	2.4	2.9	319	266	192	90	29	16	12	19	34	83	-7777	3.0	29.9	0.0	0.0	0.0
7	86.3	58.0	72.2	3.1	1.9	2.4	532	470	379	232	106	69	-7777	1	3	10	0.4	10.5	31.0	0.0	0.0	0.0
8	84.0	56.0	70.0	2.8	2.1	2.3	466	405	316	176	67	38	1	2	6	22	0.0	6.1	31.0	0.0	0.0	0.0
9	74.4	46.1	60.3	3.3	2.3	2.6	205	161	105	40	8	3	47	64	98	182	0.0	1.0	29.2	-7777	1.1	0.0
10	61.1	34.5	47.8	3.6	2.5	2.6	31	19	8	1	-7777	-7777	255	304	386	534	0.0	0.0	25.1	0.6	10.5	-7777
11	47.8	24.7	36.3	5.3	3.1	4.0	2	1	-7777	0	0	0	564	623	713	862	0.0	0.0	13.6	3.8	23.4	0.6
12	38.2	16.2	27.2	5.9	4.7	5.2	-7777	0	0	0	0	0	862	924	1016	1171	0.0	0.0	5.6	9.1	29.3	2.8
Summary	60.6	35.1	47.8	4.3	3.0	3.4	1692	1418	1051	551	211	126	4273	4729	5455	6780	0.4	20.8	247.2	32.8	162.4	9.1

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4278 ft. Lat: 41.409° N Lon: 102.966° W

Generated on 08/15/2016

Station: **DALTON, NE US GHCND:USC00252145**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.35	3.2	1.4	0.1	0.0	0.15	0.34	0.46
2	0.55	4.1	1.8	0.1	-7777	0.20	0.43	0.84
3	1.26	6.2	3.6	0.5	0.2	0.67	0.99	1.71
4	2.06	7.8	4.4	1.4	0.4	0.94	1.89	2.56
5	3.11	10.1	6.8	2.2	0.6	1.98	2.93	4.40
6	3.29	9.7	6.6	2.0	0.6	1.60	2.63	4.40
7	2.78	7.7	5.2	1.7	0.6	1.57	2.38	4.12
8	1.98	7.2	4.6	1.4	0.2	1.28	1.76	2.70
9	1.63	6.1	3.7	1.1	0.3	0.65	1.35	2.23
10	1.43	5.8	3.8	0.8	0.2	0.69	1.14	1.96
11	0.71	3.7	2.2	0.4	0.0	0.28	0.66	1.04
12	0.62	3.8	2.0	0.1	-7777	0.23	0.42	0.70
Summary	19.77	75.4	46.1	11.8	3.1	10.24	16.92	27.12

@ Denotes mean number of days greater than 0 but less than 0.05.

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Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4278 ft. Lat: 41.409° N Lon: 102.966° W

Generated on 08/15/2016

Station: **DALTON, NE US GHCND:USC00252145**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	7.3	2.1	2.0	0.8	0.3	0.1	@	@	@	@	2.0	8.5	11.0
2	6.9	3.0	2.7	1.1	0.5	-7777	@	@	@	@	3.7	5.8	11.0
3	10.4	3.2	2.9	1.2	0.5	0.1	@	@	@	@	4.0	9.0	16.0
4	7.4	1.3	1.2	1.0	0.5	0.2	@	@	@	@	0.9	4.0	11.0
5	1.1	0.2	0.2	0.1	0.1	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.1	0.1	0.1	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	3.0	0.8	0.7	0.4	0.3	0.0	@	@	@	@	0.0	0.2	5.0
11	5.9	2.0	2.0	0.9	0.4	0.1	@	@	@	@	2.0	4.3	9.0
12	11.2	2.6	2.5	1.2	0.5	0.2	@	@	@	@	3.0	7.5	22.0
Summary	53.3	15.3	14.3	6.7	3.1	0.7	0.0	0.0	0.0	0.0	15.6	39.3	85.0

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

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## Summary of Monthly Normals 1981-2010

Elev: 4278 ft. Lat: 41.409° N Lon: 102.966° W

Generated on 08/15/2016

Station: **DALTON, NE US GHCND:USC00252145**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	22	88	218	484	758	996	929	610	281	81	16
45	3	6	38	125	340	608	841	775	466	169	37	4
50	-7777	1	13	61	212	460	686	620	327	84	11	-7777
55	-7777	-7777	3	22	112	319	532	466	205	31	2	-7777
60	0	0	-7777	6	45	192	379	316	105	8	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	18	28	83	166	296	468	640	596	380	196	69	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	36	124	342	826	1584	2580	3509	4119	4400	4481	4497
45	3	9	47	172	512	1120	1961	2736	3202	3371	3408	3412
50	0	1	14	75	287	747	1433	2053	2380	2464	2475	2475
55	0	0	3	25	137	456	988	1454	1659	1690	1692	1692
60	0	0	0	6	51	243	622	938	1043	1051	1051	1051
Growing Degree Units for Corn (Monthly)												
50/86	18	46	129	295	591	1059	1699	2295	2675	2871	2940	2958

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 4406 ft. Lat: 42.425° N Lon: 103.736° W

Generated on 08/15/2016

Station: **HARRISON 20 SSE, NE US GHCND:USW00094077**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.1	10.6	24.8				0	0	0	0	0	0	935	997	1090	1245	0.0	0.0	6.1	8.1	30.1	6.6
2	41.7	13.3	27.5				0	0	0	0	0	0	769	825	910	1050	0.0	0.0	6.6	5.0	27.6	3.3
3	50.1	21.0	35.6				-7777	-7777	0	0	0	0	604	665	758	913	0.0	0.0	16.4	2.9	28.3	0.4
4	58.3	28.6	43.5				7	4	2	-7777	0	0	353	410	498	647	0.0	0.0	22.3	0.6	19.6	0.0
5	67.8	38.4	53.1				64	42	21	5	-7777	-7777	123	163	235	374	0.0	0.3	29.0	0.0	5.8	0.0
6	78.1	46.9	62.5				241	193	128	51	15	9	16	28	53	126	0.0	2.6	30.0	0.0	0.4	0.0
7	86.7	52.7	69.7				455	395	305	167	61	34	-7777	2	5	21	1.2	10.0	31.0	0.0	0.0	0.0
8	85.5	50.8	68.2				409	349	265	139	50	29	2	4	13	42	0.6	9.3	31.0	0.0	0.0	0.0
9	76.4	39.5	58.0				145	110	68	24	4	2	57	82	130	235	0.0	3.1	29.9	0.0	5.1	0.0
10	62.1	28.1	45.1				11	5	1	-7777	0	0	318	374	462	617	0.0	0.0	25.7	0.4	21.4	0.0
11	48.2	17.2	32.7				-7777	-7777	-7777	0	0	0	669	729	819	969	0.0	0.0	13.4	3.5	28.2	1.0
12	38.5	8.6	23.6				0	0	0	0	0	0	974	1036	1129	1284	0.0	0.0	5.8	9.5	30.9	7.8
Summary	61.0	29.6	45.4				1332	1098	790	386	130	74	4820	5315	6102	7523	1.8	25.3	247.2	30.0	197.4	19.1

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4406 ft. Lat: 42.425° N Lon: 103.736° W

Generated on 08/15/2016

Station: **HARRISON 20 SSE, NE US GHCND:USW00094077**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.30	@	@	@	@			
2	0.57	@	@	@	@			
3	1.02	@	@	@	@			
4	1.74	@	@	@	@			
5	2.77	@	@	@	@			
6	2.53	@	@	@	@			
7	2.00	@	@	@	@			
8	1.83	@	@	@	@			
9	1.46	@	@	@	@			
10	1.17	@	@	@	@			
11	0.54	@	@	@	@			
12	0.46	@	@	@	@			
Summary	16.39	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4406 ft. Lat: 42.425° N Lon: 103.736° W

Generated on 08/15/2016

Station: **HARRISON 20 SSE, NE US GHCND:USW00094077**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	6	57	159	411	675	920	872	539	205	34	4
45	1	1	24	79	272	525	765	717	392	107	12	-7777
50	0	-7777	7	29	148	377	610	562	255	44	2	0
55	0	0	-7777	7	64	241	455	409	145	11	-7777	0
60	0	0	0	2	21	128	305	265	68	1	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	19	19	83	151	281	429	581	555	389	208	68	17

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	12	69	228	639	1314	2234	3106	3645	3850	3884	3888
45	1	2	26	105	377	902	1667	2384	2776	2883	2895	2895
50	0	0	7	36	184	561	1171	1733	1988	2032	2034	2034
55	0	0	0	7	71	312	767	1176	1321	1332	1332	1332
60	0	0	0	2	23	151	456	721	789	790	790	790
Growing Degree Units for Corn (Monthly)												
50/86	19	38	121	272	553	982	1563	2118	2507	2715	2783	2800

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3463 ft. Lat: 42.837° N Lon: 102.953° W

Generated on 08/15/2016

Station: **CHADRON 3 NE, NE US GHCND:USC00251578**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	37.8	13.1	25.5				0	0	0	0	0	0	916	978	1071	1226	0.0	0.0	5.3	9.0	29.8	5.8
2	42.0	15.1	28.6				-7777	0	0	0	0	0	740	796	880	1020	0.0	0.0	7.5	4.7	27.3	3.2
3	51.6	24.3	37.9				5	3	1	-7777	0	0	534	593	684	839	0.0	0.0	17.4	2.3	24.7	0.4
4	61.3	33.3	47.3				29	18	8	1	-7777	0	261	309	389	532	0.0	0.0	24.8	0.3	12.5	0.0
5	70.3	43.0	56.7				123	89	51	18	6	4	71	100	155	277	0.0	0.7	30.2	0.0	1.8	0.0
6	81.6	53.2	67.4				378	322	244	134	58	38	6	11	22	62	0.3	5.5	30.0	0.0	0.0	0.0
7	89.6	59.7	74.7				608	547	454	304	167	121	-7777	-7777	-7777	6	1.5	14.7	31.0	0.0	0.0	0.0
8	88.1	57.4	72.8				550	488	398	256	134	97	-7777	1	3	16	0.9	13.9	31.0	0.0	0.0	0.0
9	77.9	47.0	62.5				248	201	140	67	26	16	24	38	66	144	0.2	4.3	29.8	0.0	0.6	0.0
10	63.4	33.0	48.2				38	25	11	1	-7777	-7777	249	297	377	522	0.0	0.2	27.3	0.0	13.8	0.0
11	48.1	21.4	34.8				1	-7777	0	0	0	0	608	668	757	907	0.0	0.0	13.1	3.5	26.6	0.6
12	37.6	13.4	25.5				0	0	0	0	0	0	914	976	1069	1224	0.0	0.0	5.6	10.4	30.4	4.8
Summary	62.4	34.5	48.5				1980	1693	1307	781	391	276	4323	4767	5473	6775	2.9	39.3	253.0	30.2	167.5	14.8

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3463 ft. Lat: 42.837° N Lon: 102.953° W

Generated on 08/15/2016

Station: **CHADRON 3 NE, NE US GHCND:USC00251578**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.32	@	@	@	@			
2	0.59	@	@	@	@			
3	1.20	@	@	@	@			
4	1.97	@	@	@	@			
5	2.82	@	@	@	@			
6	3.45	@	@	@	@			
7	2.41	@	@	@	@			
8	1.57	@	@	@	@			
9	1.94	@	@	@	@			
10	1.42	@	@	@	@			
11	0.67	@	@	@	@			
12	0.45	@	@	@	@			
Summary	18.81	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3463 ft. Lat: 42.837° N Lon: 102.953° W

Generated on 08/15/2016

Station: **CHADRON 3 NE, NE US GHCND:USC00251578**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	10	97	255	518	822	1073	1014	674	283	54	9
45	1	1	47	153	369	672	918	859	526	171	24	1
50	0	-7777	19	79	233	523	764	705	381	91	7	-7777
55	0	-7777	5	29	123	378	608	550	248	38	1	0
60	0	0	1	8	51	244	454	398	140	11	0	0
Growing Degree Units for Corn (Monthly)												
50/86	15	22	97	191	327	518	693	646	431	221	66	16

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	19	116	371	889	1711	2784	3798	4472	4755	4809	4818
45	1	2	49	202	571	1243	2161	3020	3546	3717	3741	3742
50	0	0	19	98	331	854	1618	2323	2704	2795	2802	2802
55	0	0	5	34	157	535	1143	1693	1941	1979	1980	1980
60	0	0	1	9	60	304	758	1156	1296	1307	1307	1307
Growing Degree Units for Corn (Monthly)												
50/86	15	37	134	325	652	1170	1863	2509	2940	3161	3227	3243

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4320 ft. Lat: 41.229° N Lon: 103.021° W

Generated on 08/15/2016

Station: **SIDNEY 6 NNW, NE US GHCND:USC00257830**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.7	15.0	27.8	5.2	4.1	4.4	1	-7777	-7777	0	0	0	842	904	997	1152	0.0	0.0	6.9	7.4	30.0	3.4
2	43.6	17.3	30.4	5.2	5.0	4.8	-7777	-7777	-7777	0	0	0	687	743	827	967	0.0	0.0	9.4	5.2	26.6	2.7
3	51.6	24.2	37.9	4.2	3.2	3.2	3	1	-7777	-7777	0	0	533	593	685	840	0.0	0.0	17.3	2.8	25.5	0.5
4	59.8	32.0	45.9	4.6	2.5	3.2	25	16	7	1	-7777	0	298	349	430	574	0.0	-7777	23.0	0.6	14.7	0.0
5	69.6	42.3	55.9	4.0	1.8	2.5	122	90	52	15	2	1	93	123	177	295	0.0	0.4	29.3	0.0	2.7	0.0
6	80.2	51.4	65.8	3.8	2.2	2.8	335	281	206	103	37	22	11	17	32	79	0.2	4.9	29.9	0.0	0.0	0.0
7	88.6	57.9	73.3	2.8	2.1	2.3	566	505	413	265	136	94	-7777	1	2	9	1.8	14.6	31.0	0.0	0.0	0.0
8	86.3	56.6	71.5	3.1	2.3	2.5	511	450	360	217	99	65	1	2	5	17	0.6	10.9	31.0	0.0	0.0	0.0
9	77.0	46.4	61.7	3.6	2.6	2.8	245	200	140	63	19	10	44	59	89	162	0.1	3.7	29.1	-7777	1.6	0.0
10	63.8	33.9	48.8	3.9	2.5	2.7	45	30	15	3	1	-7777	236	283	360	504	0.0	0.2	26.1	0.2	11.7	0.0
11	49.9	23.3	36.6	6.1	3.4	4.6	4	2	-7777	-7777	0	0	556	614	702	852	0.0	0.0	14.9	3.4	24.7	0.7
12	40.4	15.0	27.7	5.9	4.6	5.1	1	-7777	-7777	0	0	0	847	908	1001	1156	0.0	0.0	7.8	7.6	29.9	3.1
Summary	62.6	34.6	48.6	4.4	3.0	3.4	1858	1575	1193	667	294	192	4148	4596	5307	6607	2.7	34.7	255.7	27.2	167.4	10.4

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4320 ft. Lat: 41.229° N Lon: 103.021° W

Generated on 08/15/2016

Station: **SIDNEY 6 NNW, NE US GHCND:USC00257830**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.29	1.9	0.8	0.1	0.0	0.05	0.22	0.36
2	0.36	2.8	1.2	0.1	0.0	0.10	0.32	0.50
3	0.93	4.7	2.7	0.5	0.2	0.46	0.57	1.50
4	1.72	6.1	3.6	1.0	0.3	0.63	1.50	2.36
5	2.71	9.2	5.9	2.0	0.6	1.64	2.37	3.20
6	3.23	9.2	6.6	2.4	0.7	1.81	3.24	4.16
7	2.32	7.2	5.0	1.6	0.4	1.53	2.06	2.91
8	2.13	6.7	4.7	1.3	0.4	1.38	2.02	2.61
9	1.46	5.7	3.6	0.9	0.3	0.83	1.13	2.11
10	1.03	4.5	2.8	0.6	0.1	0.32	0.91	1.49
11	0.54	2.7	1.6	0.2	0.1	0.23	0.48	0.67
12	0.27	1.8	1.1	0.1	-7777	0.07	0.15	0.32
Summary	16.99	62.5	39.6	10.8	3.1	9.05	14.97	22.19

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4320 ft. Lat: 41.229° N Lon: 103.021° W

Generated on 08/15/2016

Station: **SIDNEY 6 NNW, NE US GHCND:USC00257830**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.0	1.5	1.2	0.3	0.1	0.1	@	@	@	@	0.0	2.0	5.5
2	3.9	2.0	1.7	0.3	0.1	0.0	@	@	@	@	1.3	3.0	5.0
3	4.1	1.7	1.7	0.3	0.1	0.0	@	@	@	@	2.0	4.0	6.9
4	1.7	0.7	0.6	0.3	0.1	0.0	@	@	@	@	0.0	0.0	3.0
5	0.2	-7777	-7777	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.2	-7777	-7777	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	1.5	0.4	0.4	0.3	0.1	0.0	@	@	@	@	0.0	0.0	0.5
11	2.7	1.1	1.1	0.4	0.1	0.0	@	@	@	@	0.3	2.0	5.5
12	5.1	1.4	1.3	0.7	0.2	-7777	@	@	@	@	0.0	4.0	9.0
Summary	22.4	8.8	8.0	2.6	0.8	0.1	0.0	0.0	0.0	0.0	3.6	15.0	35.4

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4320 ft. Lat: 41.229° N Lon: 103.021° W

Generated on 08/15/2016

Station: **SIDNEY 6 NNW, NE US GHCND:USC00257830**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	17	26	97	229	497	774	1030	975	654	310	91	20
45	6	8	43	133	353	624	875	820	509	196	44	7
50	2	2	15	66	225	477	720	665	370	104	16	2
55	1	-7777	3	25	122	335	566	511	245	45	4	1
60	-7777	-7777	-7777	7	52	206	413	360	140	15	-7777	-7777
Growing Degree Units for Corn (Monthly)												
50/86	26	38	100	176	313	479	649	618	415	233	90	28

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	17	43	140	369	866	1640	2670	3645	4299	4609	4700	4720
45	6	14	57	190	543	1167	2042	2862	3371	3567	3611	3618
50	2	4	19	85	310	787	1507	2172	2542	2646	2662	2664
55	1	1	4	29	151	486	1052	1563	1808	1853	1857	1858
60	0	0	0	7	59	265	678	1038	1178	1193	1193	1193
Growing Degree Units for Corn (Monthly)												
50/86	26	64	164	340	653	1132	1781	2399	2814	3047	3137	3165

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3970 ft. Lat: 42.265° N Lon: 102.213° W

Generated on 08/15/2016

Station: **ELLSWORTH 15 NNE, NE US GHCND:USC00252647**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.6	11.8	23.7	5.5	4.5	4.9	0	0	0	0	0	0	970	1032	1125	1280	0.0	0.0	4.2	11.1	30.7	5.6
2	38.7	14.2	26.5	6.5	5.5	5.9	-7777	0	0	0	0	0	799	855	939	1079	0.0	0.0	6.6	8.1	27.2	4.3
3	47.9	23.1	35.5	4.6	3.4	3.8	2	1	-7777	0	0	0	607	668	760	915	0.0	0.0	14.9	4.6	25.9	0.9
4	57.1	31.3	44.2	4.5	3.0	3.5	24	15	7	1	-7777	-7777	348	399	481	625	0.0	-7777	20.6	1.4	16.1	-7777
5	67.2	42.2	54.7	4.0	2.3	2.9	108	79	45	12	2	1	117	150	209	332	0.0	0.3	28.2	0.0	3.1	0.0
6	77.2	51.7	64.4	3.6	3.0	3.1	299	248	176	83	29	18	16	24	43	100	-7777	2.6	29.7	0.0	0.0	0.0
7	85.3	58.4	71.8	3.3	2.2	2.7	523	462	372	230	114	79	1	2	5	18	1.0	9.5	31.0	0.0	0.0	0.0
8	84.3	56.7	70.5	2.9	2.4	2.5	483	423	335	195	85	53	3	5	9	25	0.3	7.6	31.0	0.0	0.0	0.0
9	74.1	45.7	59.9	3.7	2.8	3.0	207	167	114	49	13	6	60	80	117	202	-7777	1.9	28.9	-7777	1.8	0.0
10	60.5	32.9	46.7	3.9	2.1	2.6	30	18	8	1	-7777	-7777	287	338	420	569	0.0	-7777	23.9	0.6	12.7	-7777
11	46.4	21.0	33.7	6.7	4.0	5.2	1	1	-7777	0	0	0	640	699	789	939	0.0	0.0	12.4	5.5	26.2	1.4
12	35.8	11.5	23.6	6.1	5.5	5.6	0	0	0	0	0	0	972	1034	1126	1282	0.0	0.0	4.7	11.2	30.7	5.1
Summary	59.2	33.4	46.3	4.6	3.4	3.8	1677	1414	1057	571	243	157	4820	5286	6023	7366	1.3	21.9	236.1	42.5	174.4	17.3

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3970 ft. Lat: 42.265° N Lon: 102.213° W

Generated on 08/15/2016

Station: **ELLSWORTH 15 NNE, NE US GHCND:USC00252647**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.27	2.5	1.1	0.1	0.0	0.12	0.26	0.38
2	0.52	3.5	1.6	0.2	0.0	0.22	0.40	0.78
3	0.82	4.0	2.3	0.3	0.1	0.53	0.65	1.13
4	2.03	7.2	4.9	1.1	0.3	1.03	1.92	2.64
5	2.92	9.5	6.3	1.9	0.6	1.69	2.53	3.31
6	3.15	9.7	6.7	2.0	0.7	1.84	2.93	4.34
7	2.69	8.4	6.0	1.8	0.5	1.71	2.83	3.38
8	1.81	5.5	3.7	1.1	0.4	1.14	1.69	2.53
9	1.68	6.0	3.9	0.9	0.3	0.84	1.48	2.35
10	1.49	4.7	3.2	1.1	0.2	0.60	1.32	2.12
11	0.54	3.4	1.9	0.2	0.0	0.20	0.43	0.87
12	0.31	3.0	1.1	0.1	0.0	0.16	0.25	0.38
Summary	18.23	67.4	42.7	10.8	3.1	10.08	16.69	24.21

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3970 ft. Lat: 42.265° N Lon: 102.213° W

Generated on 08/15/2016

Station: **ELLSWORTH 15 NNE, NE US GHCND:USC00252647**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.9	1.9	1.9	0.5	0.2	-7777	@	@	@	@	1.0	4.5	6.0
2	6.7	2.3	2.2	0.6	0.3	-7777	@	@	@	@	1.8	6.0	10.0
3	5.7	2.1	1.9	0.7	0.3	-7777	@	@	@	@	2.0	4.0	5.5
4	4.9	1.5	1.5	0.6	0.3	-7777	@	@	@	@	1.0	3.0	8.0
5	0.1	0.1	-7777	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.5	0.3	0.2	0.1	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	1.4	0.6	0.5	0.2	0.1	0.0	@	@	@	@	0.0	0.0	2.0
11	5.4	2.1	1.9	0.8	0.4	-7777	@	@	@	@	1.2	4.2	8.2
12	4.8	2.2	2.0	0.4	0.2	0.0	@	@	@	@	3.0	4.0	7.0
Summary	33.4	13.1	12.1	3.9	1.8	0.0	0.0	0.0	0.0	0.0	10.0	25.7	46.7

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3970 ft. Lat: 42.265° N Lon: 102.213° W

Generated on 08/15/2016

Station: **ELLSWORTH 15 NNE, NE US GHCND:USC00252647**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	15	78	200	460	733	987	945	601	261	67	7
45	-7777	3	33	116	322	584	832	790	459	156	30	1
50	-7777	-7777	11	58	202	438	677	636	325	77	9	-7777
55	0	-7777	2	24	108	299	523	483	207	30	1	0
60	0	0	-7777	7	45	176	372	335	114	8	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	11	22	76	150	279	450	633	607	378	193	68	14

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	20	98	298	758	1491	2478	3423	4024	4285	4352	4359
45	0	3	36	152	474	1058	1890	2680	3139	3295	3325	3326
50	0	0	11	69	271	709	1386	2022	2347	2424	2433	2433
55	0	0	2	26	134	433	956	1439	1646	1676	1677	1677
60	0	0	0	7	52	228	600	935	1049	1057	1057	1057
Growing Degree Units for Corn (Monthly)												
50/86	11	33	109	259	538	988	1621	2228	2606	2799	2867	2881

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3710 ft. Lat: 41.094° N Lon: 102.472° W

Generated on 08/15/2016

Station: **CHAPPELL, NE US GHCND:USC00251602**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.3	14.0	27.2				0	0	0	0	0	0	863	925	1018	1173	0.0	0.0	7.3	7.7	30.5	2.2
2	43.6	16.5	30.1				-7777	-7777	0	0	0	0	698	754	838	978	0.0	0.0	8.6	4.9	27.5	2.0
3	52.5	24.0	38.3				5	2	1	0	0	0	524	584	675	829	0.0	0.0	18.8	1.9	26.0	0.3
4	62.5	32.9	47.7				30	18	8	1	-7777	0	249	297	377	520	0.0	0.1	25.5	0.2	13.4	0.0
5	71.7	44.0	57.9				158	121	76	28	7	2	70	95	143	250	0.0	0.9	30.6	0.0	1.8	0.0
6	81.5	54.0	67.8				388	332	253	139	56	35	6	10	21	56	0.3	6.5	30.0	0.0	0.0	0.0
7	88.6	60.3	74.5				602	541	449	299	158	110	-7777	1	2	6	1.0	14.6	31.0	0.0	0.0	0.0
8	86.6	58.4	72.5				542	481	390	246	120	81	-7777	1	3	13	0.6	11.4	31.0	0.0	0.0	0.0
9	78.0	47.3	62.7				251	203	141	63	19	10	21	34	62	133	0.1	3.0	30.0	0.0	0.2	0.0
10	64.8	34.3	49.6				48	31	14	3	1	-7777	216	262	338	482	0.0	0.5	27.1	0.5	11.7	0.0
11	50.2	23.0	36.6				2	1	-7777	0	0	0	553	612	702	852	0.0	0.0	15.3	2.5	25.4	0.5
12	39.7	13.6	26.7				0	0	0	0	0	0	878	940	1033	1188	0.0	0.0	6.4	7.3	30.8	2.5
Summary	63.3	35.2	49.3				2026	1730	1332	779	361	238	4078	4515	5212	6480	2.0	37.0	261.6	25.0	167.3	7.5

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3710 ft. Lat: 41.094° N Lon: 102.472° W

Generated on 08/15/2016

Station: **CHAPPELL, NE US GHCND:USC00251602**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.37	@	@	@	@			
2	0.40	@	@	@	@			
3	1.18	@	@	@	@			
4	2.08	@	@	@	@			
5	2.82	@	@	@	@			
6	3.16	@	@	@	@			
7	2.64	@	@	@	@			
8	2.46	@	@	@	@			
9	1.46	@	@	@	@			
10	1.34	@	@	@	@			
11	0.59	@	@	@	@			
12	0.38	@	@	@	@			
Summary	18.88	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3710 ft. Lat: 41.094° N Lon: 102.472° W

Generated on 08/15/2016

Station: **CHAPPELL, NE US GHCND:USC00251602**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	19	104	266	555	832	1067	1007	680	326	79	8
45	2	7	50	157	406	682	912	852	531	206	35	2
50	-7777	2	18	79	270	533	757	697	385	111	10	-7777
55	0	-7777	5	30	158	388	602	542	251	48	2	0
60	0	0	1	8	76	253	449	390	141	14	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	26	35	110	204	345	519	690	649	431	246	84	18

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	31	135	401	956	1788	2855	3862	4542	4868	4947	4955
45	2	9	59	216	622	1304	2216	3068	3599	3805	3840	3842
50	0	2	20	99	369	902	1659	2356	2741	2852	2862	2862
55	0	0	5	35	193	581	1183	1725	1976	2024	2026	2026
60	0	0	1	9	85	338	787	1177	1318	1332	1332	1332
Growing Degree Units for Corn (Monthly)												
50/86	26	61	171	375	720	1239	1929	2578	3009	3255	3339	3357

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4850 ft. Lat: 42.686° N Lon: 103.884° W

Generated on 08/15/2016

Station: **HARRISON, NE US GHCND:USC00253615**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	35.2	11.7	23.4	4.8	4.0	4.3	0	0	0	0	0	0	978	1040	1133	1288	0.0	0.0	3.3	10.8	30.6	5.3
2	37.4	14.2	25.8	5.7	6.0	5.7	0	0	0	0	0	0	817	873	957	1097	0.0	0.0	5.1	8.4	27.0	3.8
3	46.0	21.5	33.7	4.3	3.6	3.7	-7777	-7777	-7777	0	0	0	659	721	814	969	0.0	0.0	13.0	5.7	27.4	1.2
4	55.1	28.9	42.0	4.1	2.6	3.1	11	7	3	-7777	-7777	0	401	457	542	690	0.0	0.0	19.4	1.6	19.4	0.0
5	65.4	39.2	52.3	4.2	2.5	3.1	74	51	26	5	-7777	-7777	158	197	265	399	0.0	0.1	27.2	-7777	5.5	0.0
6	75.9	48.5	62.2	4.0	2.6	3.0	243	196	133	56	16	8	27	40	67	140	0.1	2.0	29.6	0.0	0.3	0.0
7	85.2	55.2	70.2	3.4	2.1	2.6	472	412	323	187	81	52	1	3	7	26	0.6	9.8	31.0	0.0	0.0	0.0
8	83.7	53.4	68.6	2.8	2.8	2.6	424	364	278	148	54	31	4	6	13	38	0.1	6.7	30.9	0.0	0.0	0.0
9	72.9	43.1	58.0	3.6	2.8	2.9	169	132	84	30	6	2	79	102	144	240	0.0	1.1	28.5	0.2	2.9	0.0
10	59.0	31.1	45.1	4.1	2.5	2.9	21	12	4	-7777	-7777	-7777	329	383	468	619	0.0	0.0	23.0	1.0	15.7	0.1
11	44.4	20.1	32.3	6.1	4.1	4.9	1	-7777	-7777	0	0	0	683	743	832	982	0.0	0.0	10.7	5.9	26.4	1.6
12	35.1	11.5	23.3	5.2	4.8	4.8	0	0	0	0	0	0	982	1044	1137	1292	0.0	0.0	3.6	11.6	30.5	5.0
Summary	57.9	31.5	44.7	4.4	3.4	3.6	1415	1174	851	426	157	93	5118	5609	6379	7780	0.8	19.7	225.3	45.2	185.7	17.0

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4850 ft. Lat: 42.686° N Lon: 103.884° W

Generated on 08/15/2016

Station: **HARRISON, NE US GHCND:USC00253615**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.32	3.8	1.3	-7777	0.0	0.18	0.28	0.49
2	0.38	3.9	1.3	-7777	0.0	0.19	0.33	0.52
3	0.98	6.1	3.1	0.4	-7777	0.45	0.80	1.52
4	2.20	7.8	5.2	1.5	0.4	0.94	1.97	3.16
5	3.31	10.7	6.8	1.9	0.6	1.93	2.75	3.95
6	2.71	9.6	5.9	1.7	0.3	1.27	2.15	3.16
7	1.89	8.7	4.8	1.0	0.2	1.14	1.54	2.81
8	1.46	6.1	3.3	0.8	0.2	0.73	1.33	2.00
9	1.46	7.1	3.6	0.9	0.2	0.63	1.22	2.27
10	1.36	5.8	3.5	0.7	0.2	0.51	0.95	1.66
11	0.63	3.9	2.2	0.1	-7777	0.23	0.59	0.85
12	0.40	4.4	1.5	0.1	0.0	0.13	0.31	0.47
Summary	17.10	77.9	42.5	9.1	2.1	8.33	14.22	22.86

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4850 ft. Lat: 42.686° N Lon: 103.884° W

Generated on 08/15/2016

Station: **HARRISON, NE US GHCND:USC00253615**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.5	2.8	1.9	0.5	0.1	-7777	@	@	@	@	3.0	5.0	7.0
2	7.0	2.7	2.0	0.7	0.4	-7777	@	@	@	@	2.9	5.7	7.8
3	10.6	3.1	2.4	1.1	0.6	0.3	@	@	@	@	6.0	10.1	14.0
4	5.2	1.5	1.2	0.7	0.3	0.1	@	@	@	@	0.8	3.5	7.0
5	1.0	0.4	0.3	0.1	-7777	0.0	@	@	@	@	0.0	0.0	1.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.5	0.2	0.1	-7777	-7777	-7777	@	@	@	@	0.0	0.0	0.0
10	4.0	1.2	0.8	0.4	0.2	-7777	@	@	@	@	0.0	1.5	6.0
11	4.6	2.2	1.6	0.7	0.2	0.1	@	@	@	@	0.6	1.5	6.0
12	7.4	3.1	2.4	0.9	0.2	-7777	@	@	@	@	2.5	4.8	10.0
Summary	45.8	17.2	12.7	5.1	2.0	0.5	0.0	0.0	0.0	0.0	15.8	32.1	58.8

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4850 ft. Lat: 42.686° N Lon: 103.884° W

Generated on 08/15/2016

Station: **HARRISON, NE US GHCND:USC00253615**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	11	55	154	392	666	936	885	547	224	52	5
45	-7777	2	20	81	261	518	781	730	407	128	21	1
50	0	-7777	5	35	152	375	626	576	279	60	6	-7777
55	0	0	-7777	11	74	243	472	424	169	21	1	0
60	0	0	-7777	3	26	133	323	278	84	4	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	7	14	58	127	250	408	590	561	354	175	53	9

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	4	15	70	224	616	1282	2218	3103	3650	3874	3926	3931
45	0	2	22	103	364	882	1663	2393	2800	2928	2949	2950
50	0	0	5	40	192	567	1193	1769	2048	2108	2114	2114
55	0	0	0	11	85	328	800	1224	1393	1414	1415	1415
60	0	0	0	3	29	162	485	763	847	851	851	851
Growing Degree Units for Corn (Monthly)												
50/86	7	21	79	206	456	864	1454	2015	2369	2544	2597	2606

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4266 ft. Lat: 42.154° N Lon: 103.208° W

Generated on 08/15/2016

Station: **ALLIANCE 19 WNW, NE US GHCND:USC00250138**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.0	12.0	25.5				0	0	0	0	0	0	915	977	1070	1225	0.0	0.0	5.4	8.2	30.7	4.8
2	42.6	14.0	28.3				0	0	0	0	0	0	747	803	887	1027	0.0	0.0	8.2	4.6	27.7	3.3
3	51.8	22.4	37.1				1	-7777	0	0	0	0	556	618	710	865	0.0	0.0	17.5	3.0	28.0	0.0
4	60.4	31.0	45.7				12	5	1	-7777	-7777	0	290	344	430	579	0.0	0.0	23.6	0.0	16.4	0.0
5	70.8	39.7	55.3				89	60	31	9	2	-7777	82	114	178	311	0.0	0.4	29.8	0.0	3.2	0.0
6	79.8	49.9	64.9				304	252	178	81	27	17	8	16	33	86	0.3	3.6	30.0	0.0	0.0	0.0
7	88.2	56.1	72.1				531	469	378	227	100	64	0	-7777	1	6	2.2	12.8	31.0	0.0	0.0	0.0
8	87.0	54.5	70.8				488	426	336	197	89	57	-7777	1	3	19	0.7	11.9	31.0	0.0	0.0	0.0
9	77.3	44.0	60.7				207	164	110	48	16	8	38	54	90	179	0.0	3.9	30.0	0.0	1.1	0.0
10	63.7	31.5	47.6				27	16	5	-7777	-7777	0	257	307	389	539	0.0	0.0	27.1	0.2	16.6	0.0
11	48.1	20.5	34.3				-7777	-7777	0	0	0	0	621	681	771	921	0.0	0.0	12.4	2.8	28.3	0.0
12	39.2	11.1	25.2				0	0	0	0	0	0	924	986	1080	1234	0.0	0.0	5.7	9.2	30.7	4.3
Summary	62.3	32.2	47.3				1659	1392	1039	562	234	146	4438	4901	5642	6991	3.2	32.6	251.7	28.0	182.7	12.4

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4266 ft. Lat: 42.154° N Lon: 103.208° W

Generated on 08/15/2016

Station: **ALLIANCE 19 WNW, NE US GHCND:USC00250138**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	10	76	203	475	745	996	952	620	263	41	6
45	1	1	33	103	328	596	841	798	473	152	14	2
50	-7777	-7777	8	43	196	447	686	643	331	74	1	-7777
55	0	0	1	12	89	304	531	488	207	27	-7777	0
60	0	0	0	1	31	178	378	336	110	5	0	0
Growing Degree Units for Corn (Monthly)												
50/86	15	24	98	173	325	466	628	598	406	225	61	15

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	15	91	294	769	1514	2510	3462	4082	4345	4386	4392
45	1	2	35	138	466	1062	1903	2701	3174	3326	3340	3342
50	0	0	8	51	247	694	1380	2023	2354	2428	2429	2429
55	0	0	1	13	102	406	937	1425	1632	1659	1659	1659
60	0	0	0	1	32	210	588	924	1034	1039	1039	1039
Growing Degree Units for Corn (Monthly)												
50/86	15	39	137	310	635	1101	1729	2327	2733	2958	3019	3034

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4149 ft. Lat: 41.564° N Lon: 103.368° W

Generated on 08/15/2016

Station: **BRIDGEPORT 18 WSW, NE US GHCND:USC00251149**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	41.1	14.7	27.9				0	0	0	0	0	0	840	902	995	1150	0.0	0.0	9.3	7.0	29.6	3.9
2	44.1	16.7	30.4				-7777	-7777	0	0	0	0	689	745	828	968	0.0	0.0	9.2	4.3	27.2	2.4
3	53.1	23.9	38.5				5	2	1	-7777	0	0	516	576	667	822	0.0	0.1	18.1	1.5	26.2	0.5
4	61.3	32.1	46.7				17	9	3	1	-7777	-7777	266	318	402	549	0.0	0.0	24.1	0.4	13.9	0.0
5	71.3	42.6	57.0				136	102	60	19	4	2	76	103	155	269	0.1	0.9	29.9	0.0	2.6	0.0
6	81.9	52.0	67.0				367	312	236	126	51	33	8	14	28	67	1.2	6.7	30.0	0.0	0.0	0.0
7	90.4	58.6	74.5				604	543	451	301	164	118	-7777	1	2	7	3.2	16.7	31.0	0.0	0.0	0.0
8	88.6	56.3	72.5				541	480	390	248	126	86	1	2	4	17	1.8	14.9	31.0	0.0	0.0	0.0
9	78.6	45.2	61.9				239	194	135	63	21	11	32	47	78	156	0.0	5.2	30.0	0.0	0.9	0.0
10	65.5	32.7	49.1				47	30	13	2	-7777	-7777	230	275	351	495	0.0	1.0	27.0	0.3	13.4	0.0
11	51.1	21.8	36.4				2	1	-7777	-7777	0	0	559	618	707	856	0.0	0.0	15.9	2.7	27.1	0.2
12	40.5	13.0	26.8				0	0	0	0	0	0	875	937	1030	1185	0.0	0.0	7.9	7.8	30.3	5.0
Summary	64.0	34.1	49.1				1958	1673	1289	760	366	250	4092	4538	5247	6541	6.3	45.5	263.4	24.0	171.2	12.0

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4149 ft. Lat: 41.564° N Lon: 103.368° W

Generated on 08/15/2016

Station: **BRIDGEPORT 18 WSW, NE US GHCND:USC00251149**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.35	@	@	@	@			
2	0.46	@	@	@	@			
3	1.01	@	@	@	@			
4	1.64	@	@	@	@			
5	2.75	@	@	@	@			
6	2.84	@	@	@	@			
7	2.47	@	@	@	@			
8	1.89	@	@	@	@			
9	1.42	@	@	@	@			
10	1.06	@	@	@	@			
11	0.57	@	@	@	@			
12	0.46	@	@	@	@			
Summary	16.92	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4149 ft. Lat: 41.564° N Lon: 103.368° W

Generated on 08/15/2016

Station: **BRIDGEPORT 18 WSW, NE US GHCND:USC00251149**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	22	106	240	528	808	1068	1005	657	315	73	16
45	5	6	49	135	382	658	913	850	510	199	32	3
50	-7777	2	19	60	247	510	759	695	367	107	10	-7777
55	0	-7777	5	17	136	367	604	541	239	47	2	0
60	0	0	1	3	60	236	451	390	135	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	29	35	113	190	337	504	669	632	425	254	88	25

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	18	40	146	386	914	1722	2790	3795	4452	4767	4840	4856
45	5	11	60	195	577	1235	2148	2998	3508	3707	3739	3742
50	0	2	21	81	328	838	1597	2292	2659	2766	2776	2776
55	0	0	5	22	158	525	1129	1670	1909	1956	1958	1958
60	0	0	1	4	64	300	751	1141	1276	1289	1289	1289
Growing Degree Units for Corn (Monthly)												
50/86	29	64	177	367	704	1208	1877	2509	2934	3188	3276	3301

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3294 ft. Lat: 42.837° N Lon: 103.098° W

Generated on 08/15/2016

Station: **CHADRON MUNICIPAL AIRPORT, NE US GHCND:USW00024017**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	38.7	10.2	24.4	6.1	4.9	5.3	0	0	0	0	0	0	947	1009	1102	1257	0.0	0.0	6.8	8.6	30.4	6.7
2	42.0	12.8	27.4	6.8	6.2	6.3	-7777	-7777	0	0	0	0	773	829	913	1053	0.0	0.0	8.8	6.5	27.2	4.7
3	50.8	20.8	35.8	5.0	4.0	4.2	4	2	-7777	-7777	0	0	599	659	751	905	0.0	0.0	17.2	3.6	27.4	1.4
4	60.1	29.6	44.8	4.3	3.0	3.3	25	16	8	2	-7777	-7777	329	381	462	606	0.0	0.1	22.7	0.7	18.6	0.0
5	70.7	41.0	55.8	4.1	2.7	3.1	124	92	55	18	4	2	97	128	184	302	0.0	1.0	29.7	0.0	4.5	0.0
6	81.3	50.5	65.9	4.1	3.5	3.6	337	283	208	108	44	28	10	16	31	81	0.6	5.8	29.9	0.0	0.1	0.0
7	89.8	57.4	73.6	4.0	2.6	3.2	577	515	424	276	150	108	-7777	1	2	10	3.1	15.6	31.0	0.0	0.0	0.0
8	89.0	55.4	72.2	3.2	2.6	2.7	535	474	385	243	123	84	2	3	7	20	1.5	15.5	31.0	0.0	0.0	0.0
9	78.0	44.1	61.0	3.8	2.5	2.8	231	188	132	63	22	12	49	67	100	181	0.1	4.7	29.3	0.0	2.7	0.0
10	63.9	31.3	47.6	3.8	2.6	2.8	37	25	13	2	-7777	-7777	267	317	398	542	0.0	0.4	26.2	0.5	15.9	0.1
11	48.5	19.4	34.0	6.7	4.5	5.4	2	1	-7777	-7777	0	0	634	693	782	931	0.0	0.0	13.8	3.9	26.6	1.6
12	38.4	10.4	24.4	6.6	6.8	6.6	-7777	-7777	0	0	0	0	948	1010	1103	1258	0.0	0.0	6.7	9.1	30.4	6.4
Summary	62.6	31.9	47.2	4.9	3.8	4.1	1872	1596	1225	712	343	234	4655	5113	5835	7146	5.3	43.1	253.1	32.9	183.8	20.9

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3294 ft. Lat: 42.837° N Lon: 103.098° W

Generated on 08/15/2016

Station: **CHADRON MUNICIPAL AIRPORT, NE US GHCND:USW00024017**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.36	3.8	1.4	0.1	0.0	0.19	0.33	0.44
2	0.61	4.4	1.7	0.2	-7777	0.16	0.48	0.81
3	1.23	5.9	3.3	0.7	0.2	0.50	0.89	1.77
4	1.98	8.9	5.2	1.1	0.2	0.85	1.98	2.84
5	2.76	10.8	6.2	1.8	0.5	1.61	2.30	3.50
6	3.24	9.5	6.3	2.2	0.6	1.97	2.76	4.46
7	2.11	7.9	4.6	1.4	0.4	1.39	2.07	2.71
8	1.58	6.7	3.5	0.9	0.4	0.87	1.40	2.12
9	1.73	7.2	3.6	1.1	0.3	0.79	1.41	2.29
10	1.31	5.7	3.4	0.7	0.1	0.65	1.15	1.59
11	0.62	4.0	2.0	0.2	0.0	0.36	0.53	0.90
12	0.52	4.4	1.8	0.1	0.0	0.24	0.50	0.65
Summary	18.05	79.2	43.0	10.5	2.7	9.58	15.80	24.08

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3294 ft. Lat: 42.837° N Lon: 103.098° W

Generated on 08/15/2016

Station: **CHADRON MUNICIPAL AIRPORT, NE US GHCND:USW00024017**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.5	3.5	2.1	0.4	0.1	0.0	13.9	6.6	3.4	0.3	1.5	4.1	7.1
2	6.6	4.2	2.2	0.5	0.2	-7777	10.2	4.6	2.2	0.5	3.6	6.1	8.0
3	9.6	3.5	2.6	1.1	0.5	0.2	7.0	3.7	2.4	0.7	3.4	7.4	13.2
4	4.2	2.3	1.7	0.5	0.2	0.0	2.7	1.2	0.7	0.0	0.1	4.5	7.0
5	0.4	0.3	0.2	-7777	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.1	0.1	-7777	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10	3.4	1.2	0.9	0.4	0.2	0.0	1.4	0.7	0.4	-7777	0.0	1.2	4.9
11	5.3	2.9	2.2	0.6	0.1	0.0	5.9	3.6	2.2	0.3	0.9	2.4	11.0
12	8.6	4.6	3.1	0.9	0.4	-7777	14.2	8.7	5.1	1.4	5.0	7.7	14.0
Summary	42.7	22.6	15.0	4.4	1.7	0.2	55.6	29.2	16.4	3.2	14.5	33.4	65.2

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3294 ft. Lat: 42.837° N Lon: 103.098° W

Generated on 08/15/2016

Station: **CHADRON MUNICIPAL AIRPORT, NE US GHCND:USW00024017**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	19	80	210	495	777	1041	998	634	280	67	10
45	2	5	35	121	351	627	886	843	490	170	31	2
50	-7777	1	13	60	224	479	731	688	353	88	10	-7777
55	0	-7777	4	25	124	337	577	535	231	37	2	-7777
60	0	0	-7777	8	55	208	424	385	132	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	20	35	100	181	327	488	651	625	418	234	79	21

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	10	29	109	319	814	1591	2632	3630	4264	4544	4611	4621
45	2	7	42	163	514	1141	2027	2870	3360	3530	3561	3563
50	0	1	14	74	298	777	1508	2196	2549	2637	2647	2647
55	0	0	4	29	153	490	1067	1602	1833	1870	1872	1872
60	0	0	0	8	63	271	695	1080	1212	1225	1225	1225
Growing Degree Units for Corn (Monthly)												
50/86	20	55	155	336	663	1151	1802	2427	2845	3079	3158	3179

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3326 ft. Lat: 41.330° N Lon: 102.144° W

Generated on 08/15/2016

Station: **LEWELLEN, NE US GHCND:USC00254755**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.3	12.8	26.1				0	0	0	0	0	0	897	959	1052	1207	0.0	0.0	5.6	9.1	30.5	3.3
2	45.1	16.5	30.8				0	0	0	0	0	0	677	733	817	957	0.0	0.0	9.2	2.8	28.0	1.5
3	55.8	23.7	39.8				3	1	-7777	-7777	0	0	476	537	628	783	0.0	0.0	21.0	0.0	26.8	0.0
4	64.1	33.3	48.7				20	11	4	-7777	0	0	209	260	343	489	0.0	0.0	27.4	0.0	12.5	0.0
5	73.6	44.6	59.1				163	120	69	22	4	2	36	55	97	205	0.0	0.3	31.0	0.0	1.3	0.0
6	81.7	53.7	67.7				382	323	239	119	39	23	1	2	8	39	0.0	4.0	30.0	0.0	0.0	0.0
7	89.1	59.8	74.5				602	540	447	293	150	101	0	0	-7777	-7777	0.7	13.8	31.0	0.0	0.0	0.0
8	86.3	58.0	72.2				531	469	377	230	105	68	-7777	-7777	1	9	0.2	8.7	31.0	0.0	0.0	0.0
9	78.5	47.7	63.1				258	210	145	66	18	10	15	27	53	124	0.0	2.3	30.0	0.0	0.5	0.0
10	66.3	34.1	50.2				45	30	15	4	-7777	-7777	194	241	318	463	0.0	0.3	29.2	0.3	11.6	0.0
11	50.4	23.2	36.8				-7777	-7777	0	0	0	0	546	606	696	846	0.0	0.0	15.0	1.3	26.9	0.0
12	39.0	14.2	26.6				0	0	0	0	0	0	880	942	1035	1189	0.0	0.0	5.5	8.3	30.2	2.0
Summary	64.1	35.1	49.6				2004	1704	1296	734	316	204	3931	4362	5048	6311	0.9	29.4	265.9	21.8	168.3	6.8

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3326 ft. Lat: 41.330° N Lon: 102.144° W

Generated on 08/15/2016

Station: **LEWELLEN, NE US GHCND:USC00254755**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.38	@	@	@	@			
2	0.45	@	@	@	@			
3	1.13	@	@	@	@			
4	1.97	@	@	@	@			
5	3.01	@	@	@	@			
6	3.32	@	@	@	@			
7	2.53	@	@	@	@			
8	2.21	@	@	@	@			
9	1.71	@	@	@	@			
10	1.30	@	@	@	@			
11	0.77	@	@	@	@			
12	0.32	@	@	@	@			
Summary	19.10	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 3326 ft. Lat: 41.330° N Lon: 102.144° W

Generated on 08/15/2016

Station: **LEWELLEN, NE US GHCND:USC00254755**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	7	101	274	592	831	1067	996	693	330	53	11
45	2	1	41	153	438	681	912	841	543	204	18	3
50	-7777	-7777	12	66	291	531	757	686	395	105	3	1
55	0	0	3	20	163	382	602	531	258	45	-7777	0
60	0	0	-7777	4	69	239	447	377	145	15	0	0
Growing Degree Units for Corn (Monthly)												
50/86	17	29	125	216	376	530	693	648	449	258	69	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	8	15	116	390	982	1813	2880	3876	4569	4899	4952	4963
45	2	3	44	197	635	1316	2228	3069	3612	3816	3834	3837
50	0	0	12	78	369	900	1657	2343	2738	2843	2846	2847
55	0	0	3	23	186	568	1170	1701	1959	2004	2004	2004
60	0	0	0	4	73	312	759	1136	1281	1296	1296	1296
Growing Degree Units for Corn (Monthly)												
50/86	17	46	171	387	763	1293	1986	2634	3083	3341	3410	3430

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4708 ft. Lat: 41.245° N Lon: 103.634° W

Generated on 08/15/2016

Station: **KIMBALL 2 NE, NE US GHCND:USC00254440**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.7	14.3	27.0	5.2	3.9	4.3	0	0	0	0	0	0	868	930	1023	1178	0.0	0.0	7.1	7.9	30.6	3.2
2	41.8	16.2	29.0	5.2	4.2	4.4	-7777	0	0	0	0	0	728	784	868	1008	0.0	0.0	8.6	6.2	27.0	2.5
3	49.2	23.1	36.2	4.2	2.9	3.2	1	1	-7777	0	0	0	586	647	740	894	0.0	0.0	16.0	4.3	27.4	0.5
4	57.7	30.6	44.1	4.6	2.7	3.2	16	9	4	-7777	0	0	342	395	479	626	0.0	-7777	21.9	1.1	17.3	0.0
5	67.5	41.0	54.3	3.8	2.2	2.7	96	68	36	8	1	-7777	119	153	214	342	0.0	0.3	28.5	0.0	3.2	0.0
6	78.0	50.4	64.2	3.8	2.5	2.9	292	240	169	76	23	12	16	24	43	100	0.1	3.1	29.8	0.0	-7777	0.0
7	85.6	56.5	71.1	3.0	1.6	2.1	498	437	346	203	86	53	1	2	4	15	0.3	10.3	31.0	0.0	0.0	0.0
8	83.5	54.3	68.9	2.8	2.1	2.2	433	372	284	149	50	27	2	4	8	29	-7777	6.1	31.0	0.0	0.0	0.0
9	74.5	44.1	59.3	3.3	2.2	2.4	186	145	93	33	5	2	57	76	114	204	0.0	1.7	28.9	0.1	1.8	0.0
10	61.6	31.7	46.6	3.9	2.2	2.6	25	15	6	-7777	-7777	0	284	336	420	569	0.0	-7777	25.0	0.7	14.8	0.0
11	48.0	21.9	34.9	6.3	3.1	4.4	1	-7777	-7777	0	0	0	602	662	751	901	0.0	0.0	13.4	4.1	25.9	0.6
12	39.2	13.5	26.3	4.8	4.3	4.4	0	0	0	0	0	0	888	950	1043	1198	0.0	0.0	7.0	8.7	30.6	3.7
Summary	60.5	33.1	46.8	4.2	2.8	3.2	1548	1287	938	469	165	94	4493	4963	5707	7064	0.4	21.5	248.2	33.1	178.6	10.5

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4708 ft. Lat: 41.245° N Lon: 103.634° W

Generated on 08/15/2016

Station: **KIMBALL 2 NE, NE US GHCND:USC00254440**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.29	3.3	1.0	0.1	0.0	0.10	0.28	0.43
2	0.35	4.0	1.3	0.0	0.0	0.14	0.42	0.47
3	0.95	5.9	2.9	0.4	0.1	0.34	0.67	1.31
4	1.70	7.4	3.9	1.1	0.2	0.74	1.40	2.59
5	2.68	11.2	6.2	1.6	0.4	1.54	2.43	3.45
6	2.76	10.0	6.6	1.6	0.4	1.48	2.48	3.08
7	2.81	9.0	5.3	1.6	0.6	1.76	2.53	3.34
8	1.86	8.4	4.4	1.2	0.4	1.18	1.70	2.84
9	1.37	6.9	3.4	0.8	0.1	0.62	1.18	1.85
10	1.13	5.9	2.9	0.6	0.2	0.45	0.87	1.79
11	0.54	4.2	1.8	0.1	0.0	0.23	0.50	0.82
12	0.46	4.2	1.7	0.1	0.0	0.11	0.35	0.70
Summary	16.90	80.4	41.4	9.2	2.4	8.69	14.81	22.67

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4708 ft. Lat: 41.245° N Lon: 103.634° W

Generated on 08/15/2016

Station: **KIMBALL 2 NE, NE US GHCND:USC00254440**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.2	2.9	1.4	0.4	0.1	-7777	6.9	2.8	1.0	-7777	0.8	2.8	4.9
2	4.6	3.5	2.1	0.4	0.1	0.0	6.2	1.8	0.8	0.0	1.0	4.7	5.6
3	7.9	4.1	3.1	0.9	0.2	-7777	4.4	1.6	0.7	0.1	3.0	6.1	12.2
4	4.7	2.2	1.6	0.5	0.3	0.0	2.1	0.7	0.4	-7777	0.6	3.0	7.0
5	0.5	0.2	0.2	0.1	0.1	0.0	0.1	-7777	-7777	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.2	0.2	0.1	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
10	2.1	0.9	0.8	0.5	0.2	-7777	0.9	0.6	0.3	-7777	0.0	0.0	4.0
11	5.2	2.8	2.1	0.8	0.3	0.0	4.5	2.0	0.6	0.1	1.2	3.5	5.5
12	6.9	3.9	2.6	1.0	0.4	0.0	9.2	5.1	3.5	0.5	3.0	6.0	10.0
Summary	35.4	20.7	14.1	4.7	1.7	0.0	34.4	14.6	7.3	0.7	9.6	26.1	49.2

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4708 ft. Lat: 41.245° N Lon: 103.634° W

Generated on 08/15/2016

Station: **KIMBALL 2 NE, NE US GHCND:USC00254440**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	17	73	191	447	726	962	895	582	253	70	10
45	2	3	28	105	308	577	807	741	439	148	29	2
50	-7777	-7777	7	48	188	430	652	586	305	70	7	-7777
55	0	-7777	1	16	96	292	498	433	186	25	1	0
60	0	0	-7777	4	36	169	346	284	93	6	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	22	30	82	154	280	446	609	564	374	207	75	22

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	11	28	101	292	739	1465	2427	3322	3904	4157	4227	4237
45	2	5	33	138	446	1023	1830	2571	3010	3158	3187	3189
50	0	0	7	55	243	673	1325	1911	2216	2286	2293	2293
55	0	0	1	17	113	405	903	1336	1522	1547	1548	1548
60	0	0	0	4	40	209	555	839	932	938	938	938
Growing Degree Units for Corn (Monthly)												
50/86	22	52	134	288	568	1014	1623	2187	2561	2768	2843	2865

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3812 ft. Lat: 42.666° N Lon: 103.462° W

Generated on 08/15/2016

Station: **FORT ROBINSON, NE US GHCND:USC00253015**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.4	13.1	26.8				0	0	0	0	0	0	876	938	1031	1186	0.0	0.0	6.9	6.1	30.1	4.6
2	43.5	14.0	28.8				-7777	0	0	0	0	0	735	791	875	1015	0.0	0.0	9.8	4.8	27.5	3.7
3	52.2	22.2	37.2				3	2	-7777	0	0	0	555	615	707	862	0.0	0.0	18.4	2.0	27.6	0.6
4	61.4	30.8	46.1				16	9	3	-7777	-7777	-7777	283	336	420	567	0.0	0.0	24.0	0.0	15.5	0.0
5	71.0	40.8	55.9				115	83	47	14	4	2	87	117	174	297	0.0	0.4	30.4	0.0	3.8	0.0
6	79.4	50.1	64.8				303	249	176	77	27	16	10	17	33	84	0.3	3.5	30.0	0.0	0.1	0.0
7	88.6	57.0	72.8				551	489	397	248	121	79	-7777	-7777	1	7	0.9	14.2	31.0	0.0	0.0	0.0
8	88.1	54.5	71.3				506	445	355	215	99	64	2	3	5	20	1.4	13.8	31.0	0.0	0.0	0.0
9	78.9	44.3	61.6				233	189	131	62	23	15	35	52	84	164	1.0	5.0	29.6	0.0	1.3	0.0
10	63.7	32.5	48.1				29	18	7	1	-7777	0	243	293	376	525	0.0	0.0	27.5	0.0	14.4	0.0
11	49.4	20.5	35.0				-7777	-7777	-7777	0	0	0	602	662	752	902	0.0	0.0	14.9	2.6	27.0	0.8
12	39.5	12.1	25.8				-7777	0	0	0	0	0	904	966	1059	1214	0.0	0.0	8.3	8.7	30.1	5.6
Summary	63.0	32.7	47.9				1756	1484	1116	617	274	176	4332	4790	5517	6843	3.6	36.9	261.8	24.2	177.4	15.3

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3812 ft. Lat: 42.666° N Lon: 103.462° W

Generated on 08/15/2016

Station: **FORT ROBINSON, NE US GHCND:USC00253015**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.31	@	@	@	@			
2	0.51	@	@	@	@			
3	1.14	@	@	@	@			
4	1.94	@	@	@	@			
5	2.80	@	@	@	@			
6	2.78	@	@	@	@			
7	2.11	@	@	@	@			
8	1.59	@	@	@	@			
9	1.41	@	@	@	@			
10	1.17	@	@	@	@			
11	0.52	@	@	@	@			
12	0.46	@	@	@	@			
Summary	16.74	0.0	0.0	0.0	0.0			

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 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3812 ft. Lat: 42.666° N Lon: 103.462° W

Generated on 08/15/2016

Station: **FORT ROBINSON, NE US GHCND:USC00253015**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	10	79	220	494	743	1016	970	649	276	56	20
45	-7777	1	34	122	348	593	861	815	502	161	23	6
50	-7777	-7777	13	53	218	445	706	660	360	78	6	1
55	0	-7777	3	16	115	303	551	506	233	29	-7777	-7777
60	0	0	-7777	3	47	176	397	355	131	7	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	18	28	99	188	329	466	644	605	426	223	74	29

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	16	95	315	809	1552	2568	3538	4187	4463	4519	4539
45	0	1	35	157	505	1098	1959	2774	3276	3437	3460	3466
50	0	0	13	66	284	729	1435	2095	2455	2533	2539	2540
55	0	0	3	19	134	437	988	1494	1727	1756	1756	1756
60	0	0	0	3	50	226	623	978	1109	1116	1116	1116
Growing Degree Units for Corn (Monthly)												
50/86	18	46	145	333	662	1128	1772	2377	2803	3026	3100	3129

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 5073 ft. Lat: 42.743° N Lon: 103.922° W

Generated on 08/15/2016

Station: **HARRISON 4 NW, NE US GHCND:USC00253617**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	37.2	14.0	25.6				0	0	0	0	0	0	912	974	1067	1222	0.0	0.0	4.3	9.0	29.1	4.7
2	39.3	15.1	27.2				-7777	0	0	0	0	0	778	834	918	1058	0.0	0.0	4.0	6.1	27.7	2.4
3	46.2	22.1	34.2				1	-7777	-7777	0	0	0	647	709	801	956	0.0	0.0	11.5	5.0	27.1	0.5
4	54.8	30.2	42.5				9	5	2	-7777	-7777	-7777	384	440	527	675	0.0	0.0	17.9	1.1	18.6	0.0
5	65.0	40.5	52.8				67	46	24	7	1	-7777	137	178	249	387	0.0	0.3	28.6	0.0	3.6	0.0
6	75.8	48.9	62.4				245	198	134	55	16	8	24	38	64	135	0.0	1.5	29.7	0.0	0.0	0.0
7	85.0	56.4	70.7				487	426	336	195	83	52	1	2	5	19	1.1	8.5	31.0	0.0	0.0	0.0
8	83.8	55.1	69.5				451	391	304	172	70	42	3	6	12	35	0.2	8.2	31.0	0.0	0.0	0.0
9	72.8	44.4	58.6				171	135	88	36	10	5	63	87	130	228	0.0	1.3	29.5	0.0	1.1	0.0
10	59.3	33.0	46.2				24	13	5	-7777	0	0	298	349	434	584	0.0	0.0	23.0	0.5	13.1	0.0
11	46.1	21.8	33.9				-7777	-7777	-7777	-7777	0	0	632	692	782	932	0.0	0.0	12.5	3.8	26.4	0.6
12	36.1	12.4	24.3				0	0	0	0	0	0	952	1015	1108	1262	0.0	0.0	3.5	11.1	30.6	5.1
Summary	58.5	32.8	45.7				1455	1214	893	465	180	107	4831	5324	6097	7493	1.3	19.8	226.5	36.6	177.3	13.3

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 5073 ft. Lat: 42.743° N Lon: 103.922° W

Generated on 08/15/2016

Station: **HARRISON 4 NW, NE US GHCND:USC00253617**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.41	@	@	@	@			
2	0.65	@	@	@	@			
3	1.19	@	@	@	@			
4	2.99	@	@	@	@			
5	3.35	@	@	@	@			
6	3.13	@	@	@	@			
7	1.94	@	@	@	@			
8	1.54	@	@	@	@			
9	1.44	@	@	@	@			
10	1.72	@	@	@	@			
11	0.63	@	@	@	@			
12	0.45	@	@	@	@			
Summary	19.44	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 5073 ft. Lat: 42.743° N Lon: 103.922° W

Generated on 08/15/2016

Station: **HARRISON 4 NW, NE US GHCND:USC00253617**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	3	55	149	402	670	951	912	560	242	45	6
45	2	-7777	23	77	266	521	796	757	416	142	14	1
50	-7777	-7777	8	32	151	376	641	602	281	71	3	-7777
55	0	-7777	1	9	67	245	487	451	171	24	-7777	0
60	0	0	-7777	2	24	134	336	304	88	5	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	11	7	55	115	242	407	606	575	354	172	47	10

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	12	67	216	618	1288	2239	3151	3711	3953	3998	4004
45	2	2	25	102	368	889	1685	2442	2858	3000	3014	3015
50	0	0	8	40	191	567	1208	1810	2091	2162	2165	2165
55	0	0	1	10	77	322	809	1260	1431	1455	1455	1455
60	0	0	0	2	26	160	496	800	888	893	893	893
Growing Degree Units for Corn (Monthly)												
50/86	11	18	73	188	430	837	1443	2018	2372	2544	2591	2601

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3390 ft. Lat: 41.401° N Lon: 102.346° W

Generated on 08/15/2016

Station: **OSHKOSH, NE US GHCND:USC00256385**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.5	11.0	25.3	5.9	4.6	5.0	0	0	0	0	0	0	922	984	1077	1232	0.0	0.0	6.7	8.3	31.0	5.3
2	43.7	14.4	29.1	6.5	4.8	5.3	-7777	-7777	0	0	0	0	727	783	867	1006	0.0	0.0	9.8	5.5	27.5	2.9
3	52.3	22.4	37.4	4.5	2.9	3.4	2	1	-7777	0	0	0	549	610	702	857	0.0	0.0	18.1	2.8	27.2	0.8
4	61.9	31.2	46.6	4.5	2.7	3.2	28	18	8	2	-7777	-7777	281	331	411	555	0.0	0.1	24.5	0.5	16.2	0.0
5	70.9	42.7	56.8	3.7	2.4	2.7	137	103	62	20	3	1	82	109	161	274	0.0	0.6	30.1	0.0	3.2	0.0
6	81.5	53.0	67.2	3.8	2.5	2.8	374	318	238	127	51	32	6	10	21	59	0.4	5.6	29.9	0.0	-7777	0.0
7	88.8	59.4	74.1	2.7	1.6	1.9	592	530	438	287	152	107	-7777	-7777	1	5	1.6	14.3	31.0	0.0	0.0	0.0
8	86.7	57.1	71.9	2.9	2.2	2.4	524	463	372	227	105	67	1	1	3	14	0.5	10.6	31.0	0.0	0.0	0.0
9	77.6	46.0	61.8	3.4	2.7	2.7	238	193	134	59	18	9	34	49	80	155	0.0	3.7	29.5	0.0	1.8	0.0
10	64.7	32.5	48.6	3.8	2.5	2.5	33	20	8	1	-7777	-7777	232	280	362	510	0.0	0.2	26.9	0.4	13.9	0.1
11	50.2	20.0	35.1	6.1	3.1	4.3	1	-7777	-7777	0	0	0	598	657	747	897	0.0	0.0	15.2	3.0	27.5	1.1
12	39.1	10.4	24.7	6.4	4.6	5.3	0	0	0	0	0	0	938	1000	1093	1248	0.0	0.0	6.9	8.8	30.9	5.0
Summary	63.1	33.3	48.2	4.5	3.1	3.5	1929	1646	1260	723	329	216	4370	4814	5525	6812	2.5	35.1	259.6	29.3	179.2	15.2

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3390 ft. Lat: 41.401° N Lon: 102.346° W

Generated on 08/15/2016

Station: **OSHKOSH, NE US GHCND:USC00256385**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.22	2.0	0.8	-7777	0.0	0.05	0.14	0.35
2	0.35	2.4	1.1	0.2	0.0	0.07	0.21	0.35
3	0.94	4.2	2.3	0.5	0.1	0.33	0.81	1.30
4	1.81	6.3	3.9	1.3	0.3	0.81	1.92	2.60
5	2.89	9.6	5.7	1.9	0.5	1.72	2.50	3.66
6	2.95	9.3	5.8	2.1	0.7	1.47	2.66	4.41
7	2.85	7.4	5.0	2.1	0.7	1.70	3.07	3.94
8	1.96	6.7	4.6	1.2	0.3	1.05	1.81	2.60
9	1.61	5.5	3.4	1.0	0.3	0.58	1.57	2.44
10	1.25	4.8	2.7	0.7	0.2	0.59	0.94	1.84
11	0.50	2.7	1.5	0.2	-7777	0.14	0.41	0.77
12	0.37	2.0	1.0	0.1	-7777	0.05	0.21	0.42
Summary	17.70	62.9	37.8	11.3	3.1	8.56	16.25	24.68

@ Denotes mean number of days greater than 0 but less than 0.05.  
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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3390 ft. Lat: 41.401° N Lon: 102.346° W

Generated on 08/15/2016

Station: **OSHKOSH, NE US GHCND:USC00256385**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.7	1.8	1.4	0.5	0.1	-7777	9.9	7.2	4.3	1.4	0.6	3.0	5.5
2	3.8	1.9	1.4	0.5	0.2	0.0	6.3	4.2	2.6	0.7	1.0	3.0	5.0
3	4.1	1.7	1.6	0.6	0.2	0.0	3.0	1.6	0.8	-7777	1.0	4.0	6.5
4	2.8	0.8	0.7	0.3	0.2	-7777	0.8	0.5	0.2	0.0	0.0	1.0	4.0
5	0.1	0.1	0.1	0.0	0.0	0.0	-7777	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.2	0.1	-7777	-7777	0.0	0.0	-7777	-7777	0.0	0.0	0.0	0.0	0.0
10	1.1	0.4	0.4	0.2	0.1	0.0	0.7	0.5	0.1	0.0	0.0	0.0	0.5
11	3.6	1.4	1.3	0.6	0.2	-7777	3.3	1.7	0.5	0.3	0.3	2.5	6.0
12	4.6	2.0	1.6	0.6	0.3	-7777	9.4	6.5	4.2	1.4	1.5	3.0	8.0
Summary	24.0	10.2	8.5	3.3	1.3	0.0	33.4	22.2	12.7	3.8	4.4	16.5	35.5

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3390 ft. Lat: 41.401° N Lon: 102.346° W

Generated on 08/15/2016

Station: **OSHKOSH, NE US GHCND:USC00256385**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	18	85	239	522	817	1057	989	655	298	63	6
45	1	4	33	139	375	668	902	834	509	181	25	1
50	-7777	1	10	69	243	519	747	679	367	90	6	-7777
55	0	-7777	2	28	137	374	592	524	238	33	1	0
60	0	0	-7777	8	62	238	438	372	134	8	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	23	42	108	200	332	514	676	634	424	243	89	24

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	24	109	348	870	1687	2744	3733	4388	4686	4749	4755
45	1	5	38	177	552	1220	2122	2956	3465	3646	3671	3672
50	0	1	11	80	323	842	1589	2268	2635	2725	2731	2731
55	0	0	2	30	167	541	1133	1657	1895	1928	1929	1929
60	0	0	0	8	70	308	746	1118	1252	1260	1260	1260
Growing Degree Units for Corn (Monthly)												
50/86	23	65	173	373	705	1219	1895	2529	2953	3196	3285	3309

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3666 ft. Lat: 41.668° N Lon: 103.104° W

Generated on 08/15/2016

Station: **BRIDGEPORT, NE US GHCND:USC00251145**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	41.4	15.8	28.6	5.5	4.4	4.6	0	0	0	0	0	0	818	880	973	1128	0.0	0.0	8.0	6.6	29.9	2.7
2	45.7	18.8	32.2	5.5	4.7	4.8	-7777	0	0	0	0	0	637	693	777	917	0.0	0.0	11.1	3.7	26.2	2.1
3	54.8	26.0	40.4	4.4	2.6	3.2	3	1	-7777	-7777	0	0	456	516	608	763	0.0	0.0	20.8	1.5	23.8	0.3
4	64.1	33.4	48.8	4.6	2.6	3.2	38	25	12	3	-7777	-7777	226	273	349	490	0.0	0.2	26.3	0.2	12.6	0.0
5	74.1	44.2	59.2	3.7	2.2	2.6	180	140	89	32	7	3	52	73	115	214	-7777	1.3	30.5	0.0	1.6	0.0
6	83.8	53.2	68.5	3.6	2.6	2.8	409	352	270	150	65	42	4	7	15	45	0.5	8.2	30.0	0.0	0.0	0.0
7	91.3	59.5	75.4	3.3	2.4	2.7	632	570	478	326	185	135	-7777	-7777	1	4	3.1	18.3	31.0	0.0	0.0	0.0
8	89.1	57.7	73.4	2.9	2.3	2.4	571	509	417	268	135	92	-7777	1	2	8	0.9	15.1	31.0	0.0	0.0	0.0
9	80.0	47.6	63.8	3.3	2.1	2.4	288	238	170	81	27	14	24	34	56	117	0.0	5.0	29.8	0.0	1.0	0.0
10	65.7	34.5	50.1	4.1	2.5	2.8	44	28	13	2	-7777	-7777	196	242	320	464	0.0	0.1	28.1	0.2	11.1	0.1
11	51.1	23.9	37.5	5.8	3.2	4.3	1	-7777	-7777	0	0	0	526	585	675	825	0.0	0.0	16.0	2.3	24.6	0.6
12	40.5	14.9	27.7	5.4	4.6	4.9	-7777	0	0	0	0	0	846	908	1001	1156	0.0	0.0	7.1	7.1	30.5	3.4
Summary	65.1	35.8	50.5	4.3	3.0	3.4	2166	1863	1449	862	419	286	3785	4212	4892	6131	4.5	48.2	269.7	21.6	161.3	9.2

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3666 ft. Lat: 41.668° N Lon: 103.104° W

Generated on 08/15/2016

Station: **BRIDGEPORT, NE US GHCND:USC00251145**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.29	3.3	1.0	-7777	0.0	0.10	0.27	0.50
2	0.42	3.5	1.5	-7777	0.0	0.10	0.24	0.68
3	0.87	5.2	2.7	0.4	-7777	0.37	0.66	1.26
4	1.89	7.1	4.1	1.3	0.3	0.80	1.64	2.94
5	2.98	9.7	6.7	2.0	0.6	1.57	2.92	4.21
6	3.03	8.4	6.1	2.2	0.8	1.47	2.94	4.52
7	2.54	6.9	4.7	1.8	0.5	1.39	2.17	3.17
8	2.08	5.5	4.0	1.3	0.6	0.74	2.14	2.71
9	1.54	5.7	3.8	1.0	0.2	0.72	1.34	2.17
10	1.15	5.0	3.0	0.6	0.1	0.47	1.05	1.43
11	0.59	3.3	1.7	0.2	-7777	0.24	0.50	0.73
12	0.40	3.4	1.1	0.2	-7777	0.10	0.29	0.46
Summary	17.78	67.0	40.4	11.0	3.1	8.07	16.16	24.78

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3666 ft. Lat: 41.668° N Lon: 103.104° W

Generated on 08/15/2016

Station: **BRIDGEPORT, NE US GHCND:USC00251145**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.7	2.4	2.3	0.9	0.3	0.0	9.1	5.8	2.9	0.6	1.5	6.5	9.0
2	7.2	2.7	2.6	1.2	0.3	0.0	5.8	3.8	2.3	0.5	3.0	5.0	12.0
3	6.5	2.6	2.5	0.9	0.3	0.0	2.9	1.7	1.1	0.3	3.0	5.0	8.0
4	3.5	1.1	1.0	0.5	0.2	-7777	0.8	0.5	0.2	-7777	0.0	3.0	5.9
5	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.6	0.1	0.1	0.1	0.1	0.0	0.1	0.1	-7777	0.0	0.0	0.0	0.0
10	1.2	0.5	0.4	0.2	0.1	0.0	0.3	0.1	-7777	0.0	0.0	0.0	2.0
11	5.2	2.0	1.8	0.6	0.4	-7777	3.5	2.3	1.8	0.4	1.0	3.0	8.0
12	7.9	2.8	2.8	1.1	0.6	0.1	9.4	6.9	5.0	1.8	3.0	7.0	11.0
Summary	38.1	14.3	13.6	5.6	2.3	0.1	31.9	21.2	13.3	3.6	11.5	29.5	55.9

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-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3666 ft. Lat: 41.668° N Lon: 103.104° W

Generated on 08/15/2016

Station: **BRIDGEPORT, NE US GHCND:USC00251145**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	29	122	288	594	855	1097	1035	715	333	85	10
45	2	8	53	175	443	705	942	880	567	208	36	2
50	-7777	1	16	92	302	556	787	725	424	108	10	-7777
55	0	-7777	3	38	180	409	632	571	288	44	1	-7777
60	0	0	-7777	12	89	270	478	417	170	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	23	45	125	224	380	537	690	658	461	255	89	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	12	41	163	451	1045	1900	2997	4032	4747	5080	5165	5175
45	2	10	63	238	681	1386	2328	3208	3775	3983	4019	4021
50	0	1	17	109	411	967	1754	2479	2903	3011	3021	3021
55	0	0	3	41	221	630	1262	1833	2121	2165	2166	2166
60	0	0	0	12	101	371	849	1266	1436	1449	1449	1449
Growing Degree Units for Corn (Monthly)												
50/86	23	68	193	417	797	1334	2024	2682	3143	3398	3487	3507

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4296 ft. Lat: 41.099° N Lon: 102.986° W

Generated on 08/15/2016

Station: **SIDNEY MUNICIPAL AIRPORT, NE US GHCND:USW00024030**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	42.1	16.3	29.2	5.9	4.0	4.6	-7777	0	0	0	0	0	800	862	955	1110	0.0	0.0	8.3	6.2	29.9	2.3
2	45.0	18.9	32.0	5.6	4.2	4.6	-7777	0	0	0	0	0	645	701	785	925	0.0	0.0	9.5	4.3	26.7	1.6
3	53.1	25.1	39.1	4.0	3.3	3.2	4	2	-7777	0	0	0	496	557	648	803	0.0	0.0	18.9	2.0	25.3	0.3
4	61.9	33.0	47.4	4.6	2.4	3.1	28	17	7	1	-7777	-7777	255	303	383	527	0.0	0.0	24.3	0.5	12.7	0.0
5	71.6	43.6	57.6	3.9	2.1	2.7	144	109	65	21	4	2	64	90	139	250	0.0	1.0	30.4	0.0	1.6	0.0
6	82.2	53.0	67.6	3.8	2.4	2.8	384	328	249	137	58	36	6	10	21	59	0.6	7.0	30.0	0.0	0.0	0.0
7	90.5	59.9	75.2	2.6	1.9	2.1	626	564	471	319	176	127	-7777	-7777	1	3	2.8	17.0	31.0	0.0	0.0	0.0
8	88.2	58.4	73.3	3.5	2.1	2.6	567	505	413	264	134	91	-7777	-7777	1	8	1.0	13.7	31.0	0.0	0.0	0.0
9	78.9	48.1	63.5	3.8	2.6	2.9	286	238	173	84	29	16	31	43	68	129	0.1	5.5	29.4	0.0	1.1	0.0
10	65.0	35.4	50.2	4.1	2.3	2.7	54	37	19	4	-7777	-7777	203	248	323	463	0.0	0.5	26.6	0.3	10.1	0.0
11	51.2	24.2	37.7	6.1	3.4	4.5	3	1	-7777	-7777	0	0	522	580	669	819	0.0	0.0	15.8	2.9	24.4	0.5
12	41.3	16.1	28.7	5.6	4.0	4.6	-7777	-7777	0	0	0	0	815	877	970	1125	0.0	0.0	8.6	6.9	30.1	2.4
Summary	64.3	36.0	50.1	4.5	2.9	3.4	2096	1801	1397	830	401	272	3837	4271	4963	6221	4.5	44.7	263.8	23.1	161.9	7.1

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4296 ft. Lat: 41.099° N Lon: 102.986° W

Generated on 08/15/2016

Station: **SIDNEY MUNICIPAL AIRPORT, NE US GHCND:USW00024030**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.20	3.3	0.6	0.0	0.0	0.06	0.17	0.30
2	0.32	3.9	0.9	0.0	0.0	0.13	0.25	0.50
3	1.10	6.7	2.7	0.6	0.2	0.36	0.84	1.35
4	2.05	8.8	4.9	1.5	0.6	0.94	2.01	3.04
5	3.09	11.8	5.8	1.8	0.5	2.04	2.65	4.40
6	3.18	12.8	7.6	2.7	1.0	1.88	2.91	3.93
7	2.96	10.7	5.7	2.0	0.7	1.77	2.86	3.89
8	2.26	9.7	4.9	1.6	0.1	1.39	1.82	2.93
9	1.25	8.4	3.0	0.5	0.0	0.63	1.17	1.96
10	1.02	7.1	2.8	0.3	0.1	0.50	0.87	1.21
11	0.57	4.8	1.3	0.1	0.1	0.15	0.41	0.97
12	0.54	3.8	1.1	0.1	0.0	0.06	0.27	0.77
Summary	18.54	91.8	41.3	11.2	3.3	9.91	16.23	25.25

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4296 ft. Lat: 41.099° N Lon: 102.986° W

Generated on 08/15/2016

Station: **SIDNEY MUNICIPAL AIRPORT, NE US GHCND:USW00024030**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	19	28	104	259	546	828	1091	1032	706	342	99	20
45	4	7	47	155	396	678	936	877	560	219	48	5
50	-7777	1	15	76	258	529	781	722	418	121	17	1
55	-7777	-7777	4	28	144	384	626	567	286	54	3	-7777
60	0	0	-7777	7	65	249	471	413	173	19	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	32	42	112	201	340	515	691	657	441	248	98	31

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	19	47	151	410	956	1784	2875	3907	4613	4955	5054	5074
45	4	11	58	213	609	1287	2223	3100	3660	3879	3927	3932
50	0	1	16	92	350	879	1660	2382	2800	2921	2938	2939
55	0	0	4	32	176	560	1186	1753	2039	2093	2096	2096
60	0	0	0	7	72	321	792	1205	1378	1397	1397	1397
Growing Degree Units for Corn (Monthly)												
50/86	32	74	186	387	727	1242	1933	2590	3031	3279	3377	3408

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4080 ft. Lat: 41.948° N Lon: 103.701° W

Generated on 08/15/2016

Station: **MITCHELL 5 E, NE US GHCND:USC00255590**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.8	14.6	27.2	5.1	3.9	4.3	0	0	0	0	0	0	862	924	1017	1172	0.0	0.0	6.7	7.7	29.9	3.4
2	43.0	16.6	29.8	5.9	4.7	5.1	-7777	-7777	-7777	0	0	0	705	761	845	985	0.0	0.0	9.2	5.9	26.6	2.9
3	51.5	24.5	38.0	4.3	2.7	3.2	3	2	-7777	-7777	0	0	530	591	682	837	0.0	0.0	17.6	2.6	25.2	0.5
4	60.9	32.5	46.7	4.6	2.6	3.3	30	19	9	2	-7777	-7777	279	328	408	551	0.0	0.3	23.6	0.7	13.4	0.0
5	71.0	43.2	57.1	3.9	2.7	3.0	146	111	68	23	5	2	81	108	158	268	-7777	0.8	29.5	0.0	1.9	0.0
6	81.6	53.0	67.3	4.0	2.3	3.0	376	321	242	131	54	34	7	12	23	63	0.3	6.6	30.0	0.0	0.0	0.0
7	88.4	58.2	73.3	2.8	2.1	2.3	567	506	414	265	134	92	-7777	-7777	2	8	1.6	13.5	31.0	0.0	0.0	0.0
8	85.3	55.8	70.6	2.5	2.2	2.2	483	423	333	192	79	47	1	3	6	21	0.4	8.7	31.0	0.0	0.0	0.0
9	76.6	45.3	61.0	3.3	2.3	2.6	221	177	118	49	12	5	42	58	90	171	0.0	3.0	29.3	0.0	1.3	0.0
10	62.9	33.3	48.1	3.4	2.5	2.5	36	23	10	1	-7777	-7777	250	298	379	525	0.0	0.1	25.5	0.4	11.9	-7777
11	49.2	21.7	35.5	5.3	3.7	4.3	2	1	-7777	0	0	0	588	647	737	886	0.0	0.0	14.2	2.2	26.5	0.8
12	39.5	13.4	26.4	5.5	4.9	5.1	-7777	0	0	0	0	0	885	947	1040	1195	0.0	0.0	7.0	8.1	30.2	4.1
Summary	62.5	34.3	48.4	4.2	3.1	3.4	1864	1583	1194	663	284	180	4230	4677	5387	6682	2.3	33.0	254.6	27.6	166.9	11.7

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4080 ft. Lat: 41.948° N Lon: 103.701° W

Generated on 08/15/2016

Station: **MITCHELL 5 E, NE US GHCND:USC00255590**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.11	2.0	0.4	0.0	0.0	0.00	0.06	0.14
2	0.30	2.1	0.7	-7777	0.0	0.01	0.14	0.51
3	0.44	4.3	1.6	0.2	0.0	0.28	0.42	0.63
4	1.38	7.1	3.9	0.6	0.2	0.93	1.32	1.62
5	2.53	10.3	5.4	1.5	0.7	1.49	2.05	3.52
6	2.51	9.4	5.5	1.5	0.5	1.19	2.17	3.65
7	1.82	6.3	3.7	1.1	0.3	1.11	1.56	2.38
8	1.33	6.3	3.2	0.5	0.2	0.69	1.16	1.83
9	1.12	6.1	3.4	0.5	0.1	0.54	1.03	1.58
10	0.85	4.9	2.1	0.4	-7777	0.42	0.68	1.07
11	0.46	3.7	1.5	0.2	0.1	0.07	0.25	0.66
12	0.20	2.5	0.4	0.0	0.0	0.04	0.15	0.35
Summary	13.05	65.0	31.8	6.5	2.1	6.77	10.99	17.94

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## Summary of Monthly Normals 1981-2010

Elev: 4080 ft. Lat: 41.948° N Lon: 103.701° W

Generated on 08/15/2016

Station: MITCHELL 5 E, NE US GHCND:USC00255590

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	23	98	245	533	819	1032	947	630	289	65	14
45	3	5	43	146	388	669	877	792	485	177	28	3
50	-7777	-7777	14	74	255	520	722	637	345	91	10	-7777
55	0	-7777	3	30	146	376	567	483	221	36	2	-7777
60	0	-7777	-7777	9	68	242	414	333	118	10	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	20	36	98	189	333	508	654	603	404	221	73	20

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	36	134	379	912	1731	2763	3710	4340	4629	4694	4708
45	3	8	51	197	585	1254	2131	2923	3408	3585	3613	3616
50	0	0	14	88	343	863	1585	2222	2567	2658	2668	2668
55	0	0	3	33	179	555	1122	1605	1826	1862	1864	1864
60	0	0	0	9	77	319	733	1066	1184	1194	1194	1194
Growing Degree Units for Corn (Monthly)												
50/86	20	56	154	343	676	1184	1838	2441	2845	3066	3139	3159

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

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## Summary of Monthly Normals 1981-2010

Elev: 3994 ft. Lat: 42.110° N Lon: 102.897° W

Generated on 08/15/2016

Station: **ALLIANCE 1 WNW, NE US GHCND:USC00250130**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.5	12.3	25.9	5.8	4.5	5.0	0	0	0	0	0	0	902	964	1057	1212	0.0	0.0	6.4	7.8	30.6	4.6
2	42.3	14.7	28.5	5.8	5.1	5.3	-7777	0	0	0	0	0	742	798	882	1022	0.0	0.0	8.9	6.3	26.8	3.8
3	50.5	22.0	36.2	4.5	3.6	3.7	2	1	-7777	0	0	0	583	644	736	891	0.0	0.0	17.3	3.2	27.4	1.3
4	59.9	30.9	45.4	4.2	2.4	2.9	23	14	6	1	-7777	-7777	311	362	444	589	0.0	0.2	23.4	0.6	16.5	0.0
5	69.7	41.8	55.7	3.9	2.2	2.8	118	87	52	16	3	1	95	126	184	303	-7777	0.6	29.7	0.0	3.1	0.0
6	80.2	51.9	66.1	4.0	2.7	3.1	341	287	212	108	41	25	9	16	30	77	0.3	5.0	29.9	0.0	0.2	0.0
7	88.7	58.1	73.4	3.3	2.3	2.6	570	509	417	269	139	97	-7777	1	2	9	2.3	15.0	31.0	0.0	0.0	0.0
8	87.1	56.0	71.6	2.9	2.4	2.4	514	453	362	220	100	64	1	2	4	17	0.7	11.8	31.0	0.0	0.0	0.0
9	76.9	45.1	61.0	4.0	2.6	3.0	229	185	126	53	14	7	49	65	96	173	0.0	3.3	29.2	0.0	2.2	0.0
10	63.2	32.2	47.7	3.9	2.3	2.7	33	21	9	1	-7777	-7777	259	309	390	537	0.0	0.2	26.0	0.5	14.4	0.1
11	49.3	21.0	35.1	6.5	3.8	4.9	1	-7777	-7777	0	0	0	597	656	745	895	0.0	0.0	14.8	3.6	26.5	1.1
12	39.4	12.2	25.8	5.2	4.3	4.5	-7777	0	0	0	0	0	905	967	1060	1215	0.0	0.0	7.1	8.5	30.6	4.6
Summary	62.2	33.2	47.7	4.5	3.2	3.6	1831	1557	1184	668	297	194	4453	4910	5630	6940	3.3	36.1	254.7	30.5	178.3	15.5

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3994 ft. Lat: 42.110° N Lon: 102.897° W

Generated on 08/15/2016

Station: **ALLIANCE 1 WNW, NE US GHCND:USC00250130**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.30	2.2	1.0	0.0	0.0	0.06	0.19	0.40
2	0.36	2.3	1.1	0.2	0.0	0.09	0.21	0.57
3	0.61	4.1	1.8	0.3	-7777	0.26	0.50	0.80
4	1.69	5.3	3.8	1.1	0.2	0.87	1.58	2.41
5	2.85	8.9	6.6	1.5	0.4	1.61	2.57	3.67
6	2.98	7.9	5.8	1.8	0.6	1.72	3.18	4.11
7	1.86	6.7	4.1	1.3	0.5	1.25	1.61	2.41
8	1.54	5.0	3.4	1.0	0.1	0.85	1.44	2.08
9	1.59	5.6	3.7	0.8	0.2	0.79	1.30	2.25
10	0.90	4.4	2.7	0.3	-7777	0.31	0.71	1.24
11	0.48	2.4	1.5	0.3	0.0	0.12	0.45	0.61
12	0.32	2.5	0.9	0.1	0.0	0.06	0.25	0.48
Summary	15.48	57.3	36.4	8.7	2.0	7.99	13.99	21.03

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3994 ft. Lat: 42.110° N Lon: 102.897° W

Generated on 08/15/2016

Station: **ALLIANCE 1 WNW, NE US GHCND:USC00250130**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	19	79	216	491	782	1035	978	633	278	71	9
45	1	4	31	122	347	632	880	823	489	167	31	1
50	-7777	-7777	10	59	220	484	725	668	352	84	9	-7777
55	0	-7777	2	23	118	341	570	514	229	33	1	-7777
60	0	0	-7777	6	52	212	417	362	126	9	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	20	34	94	177	313	484	653	619	407	224	84	22

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	9	28	107	323	814	1596	2631	3609	4242	4520	4591	4600
45	1	5	36	158	505	1137	2017	2840	3329	3496	3527	3528
50	0	0	10	69	289	773	1498	2166	2518	2602	2611	2611
55	0	0	2	25	143	484	1054	1568	1797	1830	1831	1831
60	0	0	0	6	58	270	687	1049	1175	1184	1184	1184
Growing Degree Units for Corn (Monthly)												
50/86	20	54	148	325	638	1122	1775	2394	2801	3025	3109	3131

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4670 ft. Lat: 42.424° N Lon: 103.735° W

Generated on 08/15/2016

Station: **AGATE 3 E, NE US GHCND:USC00250030**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.3	9.6	24.9	4.8	4.0	4.1	0	0	0	0	0	0	932	994	1087	1242	0.0	0.0	6.2	6.8	30.6	6.4
2	43.1	12.0	27.5	5.9	5.2	5.3	0	0	0	0	0	0	768	824	908	1048	0.0	0.0	9.1	5.1	27.6	4.3
3	52.3	20.1	36.2	5.0	3.2	3.9	1	-7777	-7777	0	0	0	584	645	738	893	0.0	0.0	18.6	2.5	28.5	1.2
4	61.6	27.9	44.7	4.5	2.4	3.0	14	8	3	-7777	-7777	0	322	376	461	608	0.0	0.1	24.3	0.4	20.7	-7777
5	70.9	37.7	54.3	3.6	2.5	2.6	90	63	33	7	1	-7777	112	146	209	339	0.0	0.5	29.9	0.0	7.3	0.0
6	80.7	46.5	63.6	3.9	2.7	2.8	272	221	152	64	19	10	14	23	44	106	0.2	4.5	30.0	0.0	1.2	0.0
7	88.7	52.4	70.5	3.2	2.1	2.4	482	421	331	190	78	46	-7777	1	4	18	1.3	15.0	31.0	0.0	0.0	0.0
8	87.6	50.4	69.0	2.2	2.4	2.1	435	375	286	151	53	29	2	3	7	27	0.4	12.7	31.0	0.0	0.4	0.0
9	78.6	39.7	59.1	3.6	2.7	2.4	176	136	84	29	5	2	52	71	109	204	0.0	3.8	29.5	0.0	6.1	0.0
10	64.5	27.8	46.1	4.2	2.3	2.5	17	9	3	-7777	-7777	-7777	292	346	432	585	0.0	0.0	26.9	0.5	21.1	0.2
11	49.5	16.4	32.9	6.7	3.8	4.9	-7777	-7777	-7777	0	0	0	662	722	811	961	0.0	0.0	14.8	3.4	28.4	2.2
12	39.3	7.8	23.6	5.7	4.6	5.0	0	0	0	0	0	0	975	1037	1130	1285	0.0	0.0	6.7	8.3	30.7	7.8
Summary	63.1	29.0	46.0	4.4	3.2	3.4	1487	1233	892	441	156	87	4715	5188	5940	7316	1.9	36.6	258.0	27.0	202.6	22.1

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4670 ft. Lat: 42.424° N Lon: 103.735° W

Generated on 08/15/2016

Station: **AGATE 3 E, NE US GHCND:USC00250030**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.20	3.5	0.6	0.0	0.0	0.07	0.17	0.30
2	0.30	3.9	0.8	-7777	0.0	0.08	0.15	0.48
3	0.64	5.1	1.9	0.2	-7777	0.23	0.47	0.78
4	1.40	6.9	3.4	0.6	0.2	0.63	1.30	2.09
5	2.73	10.3	5.7	1.8	0.6	1.49	2.22	3.87
6	2.41	9.5	5.1	1.6	0.4	1.32	1.62	3.48
7	2.02	8.5	4.8	1.2	0.4	1.28	1.95	2.63
8	1.57	7.2	3.6	1.1	0.3	0.90	1.30	1.94
9	1.41	6.4	3.2	0.8	0.2	0.65	1.27	2.20
10	1.09	6.0	3.2	0.5	0.1	0.40	0.90	1.87
11	0.35	4.0	1.4	0.1	0.0	0.17	0.31	0.56
12	0.25	3.7	0.8	0.0	0.0	0.10	0.23	0.29
Summary	14.37	75.0	34.5	7.9	2.2	7.32	11.89	20.49

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 4670 ft. Lat: 42.424° N Lon: 103.735° W

Generated on 08/15/2016

Station: **AGATE 3 E, NE US GHCND:USC00250030**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	3.4	3.1	1.4	0.3	0.0	0.0	11.3	6.0	3.8	0.7	1.4	3.0	4.4
2	4.7	3.3	2.0	0.4	0.2	0.0	8.3	3.4	2.0	0.9	1.3	2.7	7.6
3	6.0	3.5	2.4	0.8	0.2	-7777	5.5	2.9	1.6	0.1	2.3	4.0	7.7
4	4.9	2.1	1.7	0.6	0.3	0.0	2.0	1.1	0.6	0.0	1.0	5.3	7.0
5	0.8	0.4	0.4	0.1	0.0	0.0	-7777	-7777	0.0	0.0	0.0	0.0	1.5
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.3	0.1	0.1	0.1	-7777	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
10	1.6	1.2	0.8	0.3	-7777	0.0	1.1	0.4	0.1	0.0	0.0	1.2	2.2
11	4.4	2.7	1.7	0.4	0.1	0.0	5.4	2.3	1.1	0.1	1.0	2.8	5.5
12	4.3	3.8	2.2	0.5	-7777	0.0	11.6	6.3	3.5	1.6	1.4	3.7	5.6
Summary	30.4	20.2	12.7	3.5	0.8	0.0	45.4	22.5	12.7	3.4	8.4	22.7	41.5

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 4670 ft. Lat: 42.424° N Lon: 103.735° W

Generated on 08/15/2016

Station: **AGATE 3 E, NE US GHCND:USC00250030**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	10	69	195	447	708	947	899	577	236	45	5
45	1	2	26	104	304	558	792	744	433	130	16	1
50	-7777	-7777	7	45	182	411	637	589	296	57	3	-7777
55	0	0	1	14	90	272	482	435	176	17	-7777	0
60	0	0	-7777	3	33	152	331	286	84	3	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	20	32	105	195	326	461	590	575	421	242	83	19

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	6	16	85	280	727	1435	2382	3281	3858	4094	4139	4144
45	1	3	29	133	437	995	1787	2531	2964	3094	3110	3111
50	0	0	7	52	234	645	1282	1871	2167	2224	2227	2227
55	0	0	1	15	105	377	859	1294	1470	1487	1487	1487
60	0	0	0	3	36	188	519	805	889	892	892	892
Growing Degree Units for Corn (Monthly)												
50/86	20	52	157	352	678	1139	1729	2304	2725	2967	3050	3069

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 3909 ft. Lat: 41.864° N Lon: 103.640° W

Generated on 08/15/2016

Station: **SCOTTSBLUFF 1 E, NE US GHCND:USC00257667**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.8	14.9	27.9				0	0	0	0	0	0	842	904	997	1152	0.0	0.0	9.1	6.9	29.9	3.2
2	44.2	16.4	30.3				-7777	0	0	0	0	0	691	747	831	971	0.0	0.0	9.4	4.3	27.7	1.9
3	51.8	24.2	38.0				6	3	1	-7777	0	0	533	592	683	837	0.0	0.0	17.2	2.3	26.2	0.2
4	61.0	32.6	46.8				20	11	4	1	-7777	0	266	317	400	546	0.0	0.0	24.3	0.2	12.9	0.0
5	71.0	42.8	56.9				136	102	61	20	5	2	77	105	157	271	0.0	0.9	30.0	0.0	1.9	0.0
6	81.5	52.5	67.0				367	313	236	124	48	29	7	13	26	64	0.8	5.7	29.9	0.0	0.0	0.0
7	89.5	58.3	73.9				586	524	433	283	146	100	-7777	1	2	7	1.5	16.1	31.0	0.0	0.0	0.0
8	87.6	57.0	72.3				536	475	385	240	117	78	1	1	4	14	0.6	12.5	31.0	0.0	0.0	0.0
9	78.1	46.6	62.4				248	201	139	63	20	10	27	41	69	143	0.0	4.0	30.0	0.0	0.4	0.0
10	64.3	34.1	49.2				45	29	13	2	-7777	-7777	225	271	347	492	0.0	0.3	26.4	0.7	11.0	0.0
11	50.5	22.4	36.5				1	-7777	-7777	-7777	0	0	558	617	707	856	0.0	0.0	15.8	2.7	27.4	0.2
12	39.7	13.9	26.8				0	0	0	0	0	0	873	935	1028	1184	0.0	0.0	7.4	8.7	30.8	3.6
Summary	63.3	34.6	49.0				1945	1658	1272	733	336	219	4100	4544	5251	6537	2.9	39.5	261.5	25.8	168.2	9.1

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3909 ft. Lat: 41.864° N Lon: 103.640° W

Generated on 08/15/2016

Station: **SCOTTSBLUFF 1 E, NE US GHCND:USC00257667**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.30	@	@	@	@			
2	0.59	@	@	@	@			
3	0.98	@	@	@	@			
4	1.68	@	@	@	@			
5	2.56	@	@	@	@			
6	2.68	@	@	@	@			
7	1.79	@	@	@	@			
8	1.46	@	@	@	@			
9	1.37	@	@	@	@			
10	1.15	@	@	@	@			
11	0.64	@	@	@	@			
12	0.42	@	@	@	@			
Summary	15.62	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3909 ft. Lat: 41.864° N Lon: 103.640° W

Generated on 08/15/2016

Station: **SCOTTSBLUFF 1 E, NE US GHCND:USC00257667**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	17	100	240	526	810	1050	1000	670	316	67	11
45	3	4	47	137	380	660	895	845	522	198	27	1
50	-7777	1	19	65	246	511	740	691	378	106	8	-7777
55	0	-7777	6	20	136	367	586	536	248	45	1	0
60	0	0	1	4	61	236	433	385	139	13	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	25	35	103	186	332	500	662	634	424	239	81	21

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	13	30	130	370	896	1706	2756	3756	4426	4742	4809	4820
45	3	7	54	191	571	1231	2126	2971	3493	3691	3718	3719
50	0	1	20	85	331	842	1582	2273	2651	2757	2765	2765
55	0	0	6	26	162	529	1115	1651	1899	1944	1945	1945
60	0	0	1	5	66	302	735	1120	1259	1272	1272	1272
Growing Degree Units for Corn (Monthly)												
50/86	25	60	163	349	681	1181	1843	2477	2901	3140	3221	3242

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3479 ft. Lat: 41.611° N Lon: 102.901° W

Generated on 08/15/2016

Station: **BROADWATER 3 WNW, NE US GHCND:USC00251189**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	39.8	9.7	24.8				0	0	0	0	0	0	938	1000	1093	1248	0.0	0.0	8.1	8.0	30.9	5.7
2	44.3	13.8	29.1				0	0	0	0	0	0	726	782	866	1006	0.0	0.0	9.5	4.2	27.7	2.8
3	52.1	21.1	36.6				3	2	1	-7777	0	0	574	634	726	880	0.0	0.0	17.8	3.4	28.0	0.9
4	62.1	31.2	46.7				15	8	3	1	-7777	-7777	265	319	403	551	0.0	0.0	25.2	0.2	15.5	0.0
5	71.8	42.2	57.0				136	102	61	22	4	2	74	103	154	270	0.0	1.5	30.2	0.0	2.3	0.0
6	82.0	51.8	66.9				366	312	235	124	48	31	9	15	28	67	1.5	6.3	30.0	0.0	0.0	0.0
7	90.2	57.6	73.9				586	524	431	281	147	102	-7777	-7777	1	6	2.2	16.9	31.0	0.0	0.0	0.0
8	87.8	54.8	71.3				506	445	354	215	99	63	1	1	4	20	0.9	13.7	31.0	0.0	0.0	0.0
9	78.4	43.8	61.1				213	169	112	44	10	4	31	46	79	161	0.0	3.6	29.9	0.0	1.1	0.0
10	65.0	30.1	47.6				32	19	8	1	-7777	-7777	263	312	394	541	0.0	1.2	27.4	0.5	17.6	0.0
11	50.0	18.4	34.2				-7777	-7777	-7777	0	0	0	624	684	774	924	0.0	0.0	15.7	2.6	29.5	0.5
12	40.2	8.7	24.5				0	0	0	0	0	0	947	1008	1101	1256	0.0	0.0	6.9	6.8	31.0	7.3
Summary	63.6	31.9	47.8				1857	1581	1205	688	308	202	4452	4904	5623	6930	4.6	43.2	262.7	25.7	183.6	17.2

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3479 ft. Lat: 41.611° N Lon: 102.901° W

Generated on 08/15/2016

Station: **BROADWATER 3 WNW, NE US GHCND:USC00251189**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.27	@	@	@	@			
2	0.37	@	@	@	@			
3	0.90	@	@	@	@			
4	1.44	@	@	@	@			
5	2.88	@	@	@	@			
6	3.06	@	@	@	@			
7	2.35	@	@	@	@			
8	1.95	@	@	@	@			
9	1.64	@	@	@	@			
10	0.94	@	@	@	@			
11	0.55	@	@	@	@			
12	0.27	@	@	@	@			
Summary	16.62	0.0	0.0	0.0	0.0			

@ Denotes mean number of days greater than 0 but less than 0.05.  
 -7777: a non-zero value that would round to zero  
 Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3479 ft. Lat: 41.611° N Lon: 102.901° W

Generated on 08/15/2016

Station: **BROADWATER 3 WNW, NE US GHCND:USC00251189**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	11	83	237	528	807	1050	969	633	270	40	4
45	1	3	39	129	379	657	895	815	485	161	13	-7777
50	-7777	1	13	53	244	509	740	660	341	81	3	0
55	0	0	3	15	136	366	586	506	213	32	-7777	0
60	0	0	1	3	61	235	431	354	112	8	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	25	37	112	201	339	502	657	609	424	245	78	21

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	16	99	336	864	1671	2721	3690	4323	4593	4633	4637
45	1	4	43	172	551	1208	2103	2918	3403	3564	3577	3577
50	0	1	14	67	311	820	1560	2220	2561	2642	2645	2645
55	0	0	3	18	154	520	1106	1612	1825	1857	1857	1857
60	0	0	1	4	65	300	731	1085	1197	1205	1205	1205
Growing Degree Units for Corn (Monthly)												
50/86	25	62	174	375	714	1216	1873	2482	2906	3151	3229	3250

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3678 ft. Lat: 41.047° N Lon: 102.147° W

Generated on 08/15/2016

Station: **BIG SPRINGS, NE US GHCND:USC00250865**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	40.8	13.9	27.3	5.9	4.1	4.7	0	0	0	0	0	0	857	919	1012	1167	0.0	0.0	8.0	7.7	30.7	3.4
2	45.2	16.9	31.0	6.5	4.6	5.2	-7777	-7777	0	0	0	0	670	727	810	951	0.0	0.0	11.3	5.3	27.3	2.4
3	54.3	24.9	39.6	4.3	3.4	3.6	6	3	1	-7777	0	0	483	542	633	787	0.0	0.0	19.5	2.2	25.0	0.5
4	63.6	34.0	48.8	4.6	2.7	3.2	42	28	13	3	-7777	-7777	228	274	349	489	0.0	0.3	25.5	0.3	11.5	0.0
5	72.9	45.1	59.0	4.2	2.4	3.0	180	140	90	33	8	4	56	78	121	219	0.0	1.3	30.4	0.0	1.6	0.0
6	82.8	55.2	69.0	4.1	2.4	3.0	424	367	285	163	72	47	4	7	15	43	0.7	7.0	30.0	0.0	0.0	0.0
7	89.6	61.0	75.3	3.5	2.2	2.6	629	567	475	324	183	135	-7777	-7777	1	4	2.6	15.1	31.0	0.0	0.0	0.0
8	87.5	59.1	73.3	3.2	2.0	2.4	568	506	414	267	135	92	-7777	1	2	9	1.1	12.4	31.0	0.0	0.0	0.0
9	79.0	48.0	63.5	3.4	2.5	2.6	280	231	165	79	27	15	25	36	60	124	0.1	5.0	29.5	0.0	0.6	0.0
10	65.7	34.6	50.1	3.9	2.8	2.8	52	35	17	3	-7777	-7777	203	247	322	463	0.0	0.4	27.2	0.4	11.1	0.0
11	52.4	23.4	37.9	5.7	3.5	4.3	3	1	-7777	-7777	0	0	516	574	663	813	0.0	0.0	17.9	2.1	25.7	0.5
12	41.0	13.5	27.3	6.3	4.6	5.3	0	0	0	0	0	0	860	922	1015	1170	0.0	0.0	8.2	7.1	30.9	3.5
Summary	64.6	35.8	50.2	4.6	3.1	3.6	2184	1878	1460	872	425	293	3902	4327	5003	6239	4.5	41.5	269.5	25.1	164.4	10.3

@ Denotes mean number of days greater than 0 but less than 0.05.  
-7777: a non-zero value that would round to zero  
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3678 ft. Lat: 41.047° N Lon: 102.147° W

Generated on 08/15/2016

Station: **BIG SPRINGS, NE US GHCND:USC00250865**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.33	2.6	1.1	0.1	0.0	0.12	0.25	0.48
2	0.37	2.9	1.4	0.1	0.0	0.15	0.27	0.54
3	1.04	4.4	2.6	0.5	0.2	0.40	0.84	1.32
4	2.14	5.7	3.8	1.5	0.5	0.99	2.06	3.00
5	2.57	8.5	5.4	1.8	0.5	1.50	2.38	3.28
6	2.52	7.9	5.7	1.9	0.5	1.74	2.53	3.31
7	2.36	7.0	4.9	1.5	0.6	1.49	2.29	2.82
8	1.97	6.6	4.4	1.2	0.4	1.10	1.61	2.39
9	1.53	5.0	3.3	0.8	0.3	0.86	1.33	2.17
10	1.18	4.5	2.9	0.8	0.1	0.51	0.97	1.67
11	0.54	2.5	1.7	0.3	0.0	0.17	0.35	0.77
12	0.48	2.7	1.2	0.2	-7777	0.08	0.33	0.83
Summary	17.03	60.3	38.4	10.7	3.1	9.11	15.21	22.58

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.



## Summary of Monthly Normals 1981-2010

Elev: 3678 ft. Lat: 41.047° N Lon: 102.147° W

Generated on 08/15/2016

Station: **BIG SPRINGS, NE US GHCND:USC00250865**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	30	122	292	589	870	1094	1032	705	340	96	13
45	2	8	57	180	439	720	939	877	558	217	45	3
50	-7777	1	21	96	299	571	784	722	415	119	15	-7777
55	0	-7777	6	42	180	424	629	568	280	52	3	0
60	0	0	1	13	90	285	475	414	165	17	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	31	51	127	220	365	547	702	663	445	256	105	30

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	14	44	166	458	1047	1917	3011	4043	4748	5088	5184	5197
45	2	10	67	247	686	1406	2345	3222	3780	3997	4042	4045
50	0	1	22	118	417	988	1772	2494	2909	3028	3043	3043
55	0	0	6	48	228	652	1281	1849	2129	2181	2184	2184
60	0	0	1	14	104	389	864	1278	1443	1460	1460	1460
Growing Degree Units for Corn (Monthly)												
50/86	31	82	209	429	794	1341	2043	2706	3151	3407	3512	3542

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3790 ft. Lat: 42.755° N Lon: 102.479° W

Generated on 08/15/2016

Station: **RUSHVILLE, NE US GHCND:USC00257415**

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (below)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std. Dev.	Long Term Min Std. Dev.	Long Term Avg Std. Dev.	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
1	36.8	11.3	24.0	5.3	4.5	4.7	0	0	0	0	0	0	960	1022	1115	1269	0.0	0.0	5.1	10.4	30.9	6.4
2	39.6	13.7	26.6	6.0	5.7	5.7	0	0	0	0	0	0	794	850	934	1074	0.0	0.0	6.7	7.8	27.2	3.8
3	48.3	22.4	35.4	4.8	3.3	3.8	2	1	-7777	0	0	0	611	672	764	919	0.0	0.0	15.1	4.7	26.9	1.2
4	58.3	30.6	44.5	4.3	2.4	3.2	18	11	4	-7777	-7777	0	334	387	471	617	0.0	0.0	21.9	1.3	17.0	0.1
5	68.6	41.7	55.1	4.0	2.5	3.0	114	85	49	13	2	1	110	142	199	319	0.0	0.2	29.5	0.0	3.9	0.0
6	78.6	51.6	65.1	4.2	2.8	3.3	314	260	185	84	28	16	11	17	32	81	0.1	3.1	29.7	0.0	0.0	0.0
7	85.9	58.2	72.1	3.4	2.4	2.7	529	468	377	235	118	81	1	1	3	16	0.7	10.0	31.0	0.0	0.0	0.0
8	85.0	55.9	70.4	2.8	2.5	2.5	482	421	332	195	82	51	3	4	9	26	0.2	8.8	31.0	0.0	0.0	0.0
9	74.8	44.5	59.6	4.1	2.6	3.1	193	153	101	42	11	5	53	73	112	203	0.0	2.2	29.1	0.0	1.8	0.0
10	61.6	31.8	46.7	3.8	1.9	2.4	29	17	7	1	-7777	-7777	286	337	419	568	0.0	0.0	25.2	0.7	14.2	0.1
11	46.5	20.1	33.3	7.1	3.2	5.0	1	1	-7777	0	0	0	652	712	801	951	0.0	0.0	12.2	5.2	27.6	1.2
12	35.8	10.8	23.3	6.0	5.8	5.7	0	0	0	0	0	0	982	1044	1137	1292	0.0	0.0	3.6	11.3	30.9	4.6
Summary	60.0	32.7	46.3	4.7	3.3	3.8	1682	1417	1055	570	241	154	4797	5261	5996	7335	1.0	24.3	240.1	41.4	180.4	17.4

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3790 ft. Lat: 42.755° N Lon: 102.479° W

Generated on 08/15/2016

Station: **RUSHVILLE, NE US GHCND:USC00257415**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.33	2.3	1.8	-7777	0.0	0.20	0.33	0.51
2	0.49	2.1	1.9	0.2	-7777	0.12	0.32	0.65
3	1.09	4.0	3.3	0.7	0.2	0.77	0.98	1.48
4	1.89	5.2	4.4	1.3	0.6	0.91	1.57	2.90
5	2.54	6.3	5.7	2.0	0.7	1.61	2.25	3.17
6	3.41	6.5	5.9	2.4	0.9	1.62	3.04	5.02
7	2.34	5.8	5.0	1.7	0.6	1.50	2.23	3.00
8	1.98	4.5	4.0	1.3	0.4	0.97	1.51	2.63
9	1.51	3.3	3.1	1.0	0.3	0.82	1.20	2.07
10	1.35	2.8	2.6	0.9	0.4	0.52	1.02	1.46
11	0.56	2.7	2.4	0.2	0.0	0.38	0.53	0.77
12	0.45	1.7	1.5	0.1	0.0	0.18	0.33	0.77
Summary	17.94	47.2	41.6	11.8	4.1	9.60	15.31	24.43

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**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3790 ft. Lat: 42.755° N Lon: 102.479° W

Generated on 08/15/2016

Station: **RUSHVILLE, NE US GHCND:USC00257415**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	5.4	2.4	2.1	0.6	0.1	0.0	@	@	@	@	3.0	4.0	8.0
2	5.8	2.2	2.0	0.6	0.3	-7777	@	@	@	@	2.0	5.2	7.5
3	7.6	2.6	2.5	1.3	0.4	0.1	@	@	@	@	2.5	5.2	9.7
4	5.5	1.8	1.8	0.8	0.4	0.0	@	@	@	@	1.0	5.0	10.0
5	0.4	0.1	0.1	0.1	-7777	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.1	0.1	-7777	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
10	1.7	0.4	0.4	0.2	0.1	-7777	@	@	@	@	0.0	0.0	0.0
11	7.4	1.9	1.9	0.9	0.3	0.0	@	@	@	@	4.0	6.0	8.0
12	5.5	1.8	1.8	0.8	0.4	0.0	@	@	@	@	3.0	4.0	8.0
Summary	39.4	13.3	12.6	5.3	2.0	0.1	0.0	0.0	0.0	0.0	15.5	29.4	51.2

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

## Summary of Monthly Normals 1981-2010

Elev: 3790 ft. Lat: 42.755° N Lon: 102.479° W

Generated on 08/15/2016

Station: **RUSHVILLE, NE US GHCND:USC00257415**

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	13	75	199	474	753	993	944	591	255	56	3
45	-7777	3	31	109	333	604	838	789	447	151	22	-7777
50	0	-7777	10	51	210	456	683	634	311	74	7	-7777
55	0	0	2	18	114	314	529	482	193	29	1	0
60	0	0	-7777	4	49	185	377	332	101	7	-7777	0
Growing Degree Units for Corn (Monthly)												
50/86	12	23	79	161	299	467	637	604	380	204	66	10

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	5	18	93	292	766	1519	2512	3456	4047	4302	4358	4361
45	0	3	34	143	476	1080	1918	2707	3154	3305	3327	3327
50	0	0	10	61	271	727	1410	2044	2355	2429	2436	2436
55	0	0	2	20	134	448	977	1459	1652	1681	1682	1682
60	0	0	0	4	53	238	615	947	1048	1055	1055	1055
Growing Degree Units for Corn (Monthly)												
50/86	12	35	114	275	574	1041	1678	2282	2662	2866	2932	2942

**Note:** For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86

**M** indicates the value is missing

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3515 ft. Lat: 41.498° N Lon: 102.622° W

Generated on 08/15/2016

Station: **LISCO, NE US GHCND:USC00254865**

Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	.25	.50	.75
1	0.56	2.1	1.4	0.2	0.1	0.11	0.25	0.79
2	0.55	2.2	1.5	0.1	0.1	0.16	0.31	0.86
3	1.07	3.5	2.7	0.6	0.3	0.40	0.76	1.84
4	1.95	5.1	4.1	1.5	0.5	0.83	1.66	2.88
5	2.89	7.8	5.8	1.8	0.6	1.79	2.71	3.36
6	3.03	8.0	6.1	2.4	0.6	1.99	2.86	3.97
7	2.20	6.3	5.0	1.3	0.5	1.46	1.84	2.85
8	1.98	5.2	4.2	1.6	0.3	1.12	1.94	2.81
9	1.67	4.5	3.6	1.0	0.2	0.90	1.52	2.17
10	1.21	4.2	3.4	0.8	0.1	0.53	1.10	1.77
11	0.63	2.1	1.4	0.4	-7777	0.20	0.48	0.89
12	0.63	2.2	1.6	0.3	0.2	0.11	0.39	0.89
Summary	18.37	53.2	40.8	12.0	3.5	9.60	15.82	25.08

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

Empty or blank cells indicate data is missing or insufficient occurrences to compute value.

**Summary of  
 Monthly Normals  
 1981-2010**

Elev: 3515 ft. Lat: 41.498° N Lon: 102.622° W

Generated on 08/15/2016

Station: **LISCO, NE US GHCND:USC00254865**

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.1	1.0	3.0	5.0	10.0	1	3	5	10	.25	.50	.75
1	4.1	2.0	1.6	0.6	0.1	-7777	@	@	@	@	0.0	3.5	6.0
2	4.7	1.9	1.9	0.8	0.2	-7777	@	@	@	@	1.5	3.2	8.2
3	5.2	1.9	1.8	0.7	0.3	0.0	@	@	@	@	1.0	4.0	7.5
4	3.1	0.9	0.9	0.4	0.2	-7777	@	@	@	@	0.0	2.0	4.3
5	0.1	-7777	-7777	-7777	0.0	0.0	@	@	@	@	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	@	@	@	@	0.0	0.0	0.0
9	0.4	0.1	0.1	-7777	-7777	0.0	@	@	@	@	0.0	0.0	0.0
10	1.0	0.5	0.5	0.1	-7777	0.0	@	@	@	@	0.0	0.0	1.0
11	3.9	1.3	1.1	0.5	0.3	0.1	@	@	@	@	0.5	2.3	6.3
12	5.3	2.1	1.8	0.7	0.3	0.1	@	@	@	@	1.0	4.0	8.0
Summary	27.8	10.7	9.7	3.8	1.4	0.2	0.0	0.0	0.0	0.0	4.0	19.0	41.3

@ Denotes mean number of days greater than 0 but less than 0.05.

-7777: a non-zero value that would round to zero

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